

# Board to ask Council for more money

Recognizing that there is a serious shortfall in operating funds granted to UBC for next year, the University's Board of Governors voted Tuesday to make a formal request to the Universities Council for additional funds for 1977-78.

Unless the Council grants this additional money, academic cutbacks and tuition increases will take place, Thomas Dohm, chairman of the Board, said.

To make necessary provision for the possibility that the Council may reject the University's request, the Board approved tuition increases of \$108 to \$112 per year (about 25 per cent) for most students in the Faculties of Arts, Science and Education, as well as some other schools. The Board also approved tuition increases of \$130 to \$194 per year (about 30 per cent) for students

in the Faculties of Medicine, Dentistry, Pharmacy, Law, Commerce and Engineering.

These increases will take effect if the Universities Council rejects UBC's request for the necessary additional funds.

Mr. Dohm stated that the request to the Universities Council will be made immediately.

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## ubc reports

### President replies to education minister's query

*Education Minister Patrick McGeer has asked for a statement of the policies of B.C.'s three public universities concerning "non-university remuneration for faculty and staff members." He said the information would be needed to answer questions that might arise in the legislature. UBC's president, Dr. D. T. Kenny, replied as follows:*

Dear Dr. McGeer:

In response to your telegram of February 28, 1977, I am enclosing copies of (1) the University's policy on supplementary income, approved by the Committee of Deans in 1963 and in effect since that time, and (2) a copy of portions of *The Faculty Handbook* relevant to supplementary income and the use of university facilities. In the latter, may I call your particular attention to page C-8, Sections 10, 12 and 13; and page C-9, Section 4.

I assume that your inquiry has been prompted by recent articles in the *Vancouver Sun* concerning the outside professional activities of one of this University's 1800 faculty members. I appreciate the concern these articles may have caused. I assure you that I share that concern. I was not myself aware of the magnitude of the outside employment described in the articles. If the account given there is factually correct, the matter is a serious one. Immediately after the appearance of the articles I started a detailed inquiry into the case in question.

Outside professional activity by faculty members is often of substantial benefit to the University and the individual in terms of increased teaching and research effectiveness. It has been clear to me for some time,

however, that there is a need for a more detailed and effective policy in this area. Together with the Committee of Deans, I have been studying the matter for some months and propose to initiate a thoroughgoing review and revision of our policy and of the procedures needed to ensure strict adherence to it.

Meanwhile, I will continue vigorously to review the total University situation and rectify any abuses which may be occurring under the present policy.

May I add, however, that to improve the effective implementation of our policy will require increased co-operation from agencies of government, including the provincial government. These agencies have long been among the main outside employers of University faculty members, for such work as royal commissions, consultancies and so on. Since I became president of the University in July, 1975, I am aware of only one instance when the provincial government has consulted me in advance of contracting for paid services from UBC faculty members. I am sure you will agree that such practices can only increase the difficulty of working towards improvement in this important area. I would like to request that in future government agencies should address to the president requests for the release of faculty members of this University. I hope that I may count on the co-operation of the government in my continued efforts to improve the implementation of our policy.

Cordially yours,  
Douglas T. Kenny  
President

#### UNIVERSITY'S POLICY ON SUPPLEMENTARY INCOME

1. Faculty members are appointed on a 12-month basis. It is expected that, with the exception of the usual period for vacation, they will be engaged for the whole of each year in teaching and the pursuit of scholarly interests.

2. It is recognized that faculty members share the responsibility for the efficient operation of the University, towards which the deans, heads and directors have a special obligation.

3. When a faculty member proposes to undertake substantial work for which he will receive remuneration, either from an outside source or from University funds over and above his salary, he should ensure that, in doing so, he is acting in accordance with the principles set out in paragraphs (1) and (2) above. Toward this end, he should consult his head, director or dean, before accepting a commitment to undertake such work.

*Approved by the  
Committee of Academic Deans  
on October 17, 1963*

#### From *The Faculty Handbook*:

10. *Rental of Equipment: External Users.* To protect the University's status as a tax-exempt educational institution, rental of University equipment or facilities or their use for commercial or consulting purposes is generally not permissible unless no equivalent equipment or facilities are available locally or use of such equipment or facilities is in the public interest. All arrangements for such use must be made through the Office of

*Continued on p. 3*

# Universities Council Statement:

## Operating grants '77-78

### Future funding criteria

Here is the full text of the report of the Universities Council of B.C. on the allocation of the 1977-78 operating grant between UBC, Simon Fraser University and the University of Victoria.

#### REPORT ON THE ALLOCATION OF THE 1977-78 OPERATING GRANT AMONG THE UNIVERSITY OF B.C., SIMON FRASER UNIVERSITY AND THE UNIVERSITY OF VICTORIA

The current session of the B.C. Legislature has been asked to vote on the allocation of \$184,500,000 toward the operating expenditure for the 1977-78 fiscal year of the University of B.C., Simon Fraser University and the University of Victoria. The amount of \$184,500,000 proposed by the minister in the provincial budget is \$9,735,000 less than the \$194,235,000 recommended in October, 1976, to the minister of education by the Universities Council of B.C.

After considering the impact of the indicated funding shortfall — a significant part of which may well be met by student fee increases — the Universities Council has concluded that the priorities identified in its October, 1976, recommendation should stand as the primary basis for its allocation.

While some modifications in salary base and enrolment projections have been made in light of further information not previously available, the resulting total funding gap of

\$8,879,750 has been met by a reduction proportionate to each university's share of the original grant request, as adjusted by current data. The resulting allocation appears below and in detail as Table 1.

Subject to approval of Vote 161 by the Legislature, the allocation of the operating grant will be:

The University of B.C.	\$111,315,322
Simon Fraser University	41,234,407
University of Victoria	31,950,271
Total	<u>\$184,500,000</u>

#### FUTURE FUNDING CRITERIA

In its review of the universities' submissions and in reaching its conclusions about final allocations, the Council identified a number of areas warranting increasing attention in the future. In the common concern of the universities and the Council for continued and enhanced effectiveness, it is the intention of Council to give particular emphasis to the following matters in its review of 1978-79 funding requests and allocations.

**1. Establishment of standards for faculty service loads.** A definition of a standard service load in terms of hours devoted to teaching, preparation, research, administration and public service should be established. A reasonable balance — obviously varying between individuals — should ensure that faculty members not substantially engaged in research activities of demonstrated quality or high promise, or in other significant non-teaching activity will carry higher teaching loads. Some means of evaluation of quality and promise as well as a means for defining the extent (i.e. the amount) of an individual's research effort will have to be devised to ensure an equitable distribution of faculty service loads.

**2. Recognition of demographic trends.** The promotion of an individual to a higher faculty rank and the awarding of a higher salary presumably acknowledges his or her superior teaching and/or research output. The Council views with some concern the prospect that the coming decade of limited growth in university enrolment may result in the aging of a relatively immobile faculty, accompanied by steadily increasing salary costs and without proportionate gains in contribution. A key question: How effectively will universities carry out their responsibilities with regard to peer evaluations of individual contributions, and will they take action on their findings to insure that opportunities are afforded younger people capable of making a mark as teachers and/or researchers?

**3. Reduction of course offerings for which there is little demonstrated demand; elimination of course offerings in disciplines where unnecessary duplication may exist in the province.** The ultimate goal in accessibility of post-secondary education would be to make available to each individual in every community in the province high quality instruction in every discipline. The cost of achieving such a goal is beyond reasonable reach and would undoubtedly require the province to sacrifice support for some of the other essential services which it currently provides. The Council appreciates that universities must have the means to embark on innovative programs and to pursue imaginative new approaches. Additions to program in line with emerging areas of interest should, however, be accompanied by moves to eliminate unnecessary duplication of course offerings and to curb proliferation of undergraduate course offerings in traditional disciplines. Unless something is dropped to make room for something new, the financial

TABLE I  
1977-78 OPERATING GRANT ALLOCATION

	UBC	SFU	U.VIC.	TOTAL
Base*	\$117,410,013	\$41,741,620	\$32,139,625	\$191,291,258
Inflation factors**	6,678,128	2,551,173	2,010,971	11,240,272
Growth and development factors***	2,094,101	1,135,614	1,097,425	4,327,140
1977-78 operating expenditure	\$126,182,242	\$45,428,407	\$35,248,021	\$206,858,670
Student fee & other revenue	(14,866,920)	(4,194,000)	(3,297,750)	(22,358,670)
1977-78 operating grant	\$111,315,322	\$41,234,407	\$31,950,271	\$184,500,000

\*Base is the estimate of operating expenditures required by each university during the year commencing April 1, 1977, if throughout the 1977-78 year there were no price and wage increases, no change in the size and mix of the April 1 work force, and no change in the level of services provided.

\*\*Inflation factors is an estimate of the funding amounts available to each university to cope with price and wage increases arising out of inflation.

\*\*\*Growth and development factors is an estimate of the funding amounts available to each university for development of staff and services.

burden will go beyond the capacity of public acceptance.

**4. Investigation of new methods of instruction.** The Council is of the opinion that the universities may not be directing sufficient attention to the areas of teaching methodology and use of audio-visual and computerized media to provide the student with better instruction while reducing the dependency on such a heavy concentration of manpower in instructional activity. New, automated methods will never substitute for seminars, student research and experimentation, and give and take with stimulating teachers; but much can be done to take advantage of current and emerging technology without losing other values.

**5. Protection of the university position.** The conferring of a *degree* attesting to an individual's level of skill, scholarship, and capacity for thought is the symbol which sets universities apart from other educational institutions. Universities must therefore guide public policy by ensuring that entrance and matriculation standards are maintained at a level which preserves the university degree as a distinctive mark of scholarship and independent thinking ability. If high standards reduce enrolments while increasing the quality of graduates, the net cost to the public could be lower, and the benefit to the university student and the public could be greater. Those who do not meet university standards may still receive post-secondary training at colleges and technical institutes. It is not intended, of course, to reduce the accessibility to universities for qualified people and in particular for those whose early progression to university may have been hindered or interrupted.

#### **ALLOWANCE FOR PROGRAMS OF EXCELLENCE**

Statements by senior university administrators, comments made in the Gaudry report on the State of Research and Research Funding in British Columbia, and observations by the minister of education all point to the need for greater attention to be paid to developing programs of excellence at the universities. It is not the Council's role to describe how this might best be done, but to provide stimulus for the advancement of this concept in the coming year, the Council has included in the allocation a specific item of \$500,000 in total for this purpose.

The Council would expect that in the presentation of the universities' funding requests for 1978-79 they will describe the specific actions they have

taken to further this objective. It is the hope of Council that the universities will consider this to be an invitation to include the Council and the public in an understanding of their efforts in this respect and accordingly to treat the allocation as a separate fund and report on its use in the next year's funding requests.

#### **STUDENT FEES**

Decisions with respect to fees are the sole prerogative of the universities. Consequently the allocation of the 1977-78 operating grant ignores any fee changes.

However, if the universities are to realize the funding levels they have requested, or even approach the levels recommended by the Council, they will need to consider a substantial increase in tuition fees to make up indicated deficiencies in their 1977-78 operating funds.

Council believes the universities should address themselves to the need for a long-term policy on student fee rates, taking into account the desirability of annual fee reviews in order to ensure that the financial contribution by students represents a reasonable proportion of the cost of post-secondary education. In slightly over a decade, the contribution from student fees towards the operating costs of British Columbia universities has dropped from 30 per cent to less than 10 per cent. It should also be noted that British Columbia universities have not raised tuition fee rates for 10 years, that the present levels in British Columbia are among the lowest in Canada, and that even a 25 per cent increase would still place them near the bottom nationally.

The foregoing comments include the caveat that fee increases be accompanied by a highly effective

student aid program to ensure that individuals of limited means but ample scholastic ability are not deprived of the opportunity to secure a university education.

In the course of developing its funding allocations the Council gave careful consideration to holding back a portion of the operating grant to be distributed to the universities after some criteria had been met relating to the purposes and effectiveness with which funds were used.

After thorough review of this alternative, however the Council concluded it would be inappropriate to take this action: (a) because of the need to ensure that the universities had a clear basis now on which to make financial commitments for the 1977-78 year; and (b) because no guidelines for distribution now exist or could be developed within the time available, on the basis of which such a hold back would be distributed.

Nevertheless, the Council anticipates that during the coming year, and in collaboration with the universities, such guidelines may be formulated. These could be used in the development of Council's operating grant recommendation to the minister for the year 1978-79, as well as in its allocation deliberations in the future.

In making its comments about future allocation criteria and expectations regarding programs of excellence, the Council recognizes that the universities themselves must determine their own courses of action with respect to these and other matters. At the same time the Council hopes that, jointly with the universities, continued progress will be made in breaking new ground in terms of administrative processes and management concepts.

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#### **Continued from p. 1**

the President (Research Administration).

**12. Supplemental Income.** Payment of honoraria from grant or contract funds to full-time staff members is permitted at the discretion of the department head (or dean or director) concerned. Any such payments must be approved by the Board of Governors and made through University payroll.

**13. Conflict of Interest.** Where a member of faculty or staff is responsible for specifying or approving materials or services purchased by the University, he shall not have any financial interest, either direct or indirect, in the transaction.

Members of faculty and staff of the University shall not engage

independently in contract work with the University for the supply of materials or services unless no other source of these materials or services is available.

In the case that a member of faculty or staff is the sole supplier of materials or services, any arrangements must have the approval of the president.

#### **D. POLICY ON CONTRACTS FOR RESEARCH AND OTHER PROJECTS**

**4. Personal Contracts.** Personal contracts for research and other services negotiated between an individual and an external agency and signed by that individual will not be accepted for administration by the University, nor may University facilities be used for work carried out under such contracts.

# WEEK AT UBC

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

## VANCOUVER INSTITUTE SATURDAY, MARCH 5

8:15 p.m. **VANCOUVER INSTITUTE.** Dr. Erich Vogt, vice-president, Faculty and Student Affairs, UBC, on **First Results from TRIUMF.** Lecture Hall 2, Woodward Instructional Resources Centre.

## SATURDAY, MARCH 12

8:15 p.m. **VANCOUVER INSTITUTE.** Prof. A. Geoffrey Woodhead, fellow, Corpus Christi College, Cambridge, on **The Failure of an Experiment: Athens in the Fifth Century B.C.** Lecture Hall 2, Woodward Instructional Resources Centre.

## MONDAY, MARCH 7

12:30 p.m. **CANCER RESEARCH SEMINAR.** Dr. Dick Pearce, Pathology, UBC, on **The Interstitial Space in the Dermis.** Library, Block B, Medical Sciences

3:30 p.m. **MANAGEMENT SCIENCE SEMINAR.** D. Kira, Commerce and Business Administration, UBC, on **Applications of Stochastic Dominance to Resource Management.** Room 321, Angus Building.

3:45 p.m. **MECHANICAL ENGINEERING SEMINAR.** K. Lips, Mechanical Engineering graduate student, UBC, on **Attitude Dynamics of Satellites with Flexible Appendages.** Room 1215, Civil and Mechanical Engineering Building.

4:30 p.m. **PHYSIOLOGY SEMINAR.** Dr. B. Bressler, Anatomy, UBC, on **Studies on the Instantaneous Elasticity of the Crossbridge in Contracting Skeletal Muscle.** Room 2449, Biological Sciences Building.

## TUESDAY, MARCH 8

12:30 p.m. **BOTANY SEMINAR.** Dr. James Mayo, University of Alberta, on **The Physiology of Stomata.** Room 3219, Biological Sciences Building.

**LECTURE ON INDIA.** Prof. G. S. Bhalla, Economics, Nehru University, New Delhi, on **Recent Surprises in India's Food Situation.** Room 102, Buchanan Building.

1:30 p.m. **ELECTRICAL ENGINEERING SEMINAR.** Dr. G. F. Schrack, Electrical Engineering, and Dr. T. Goldberg, Education, UBC, on **Computer Graphics Aided Composition of Music.** Room 418, Electrical Engineering Building.

**COMPUTING CENTRE SEMINAR.** John Coulthard, Computing Centre, UBC, on **Use of Magnetic Tapes.** Room 209, Mechanical Engineering Annex.

3:30 p.m. **OCEANOGRAPHY SEMINAR.** Prof. Irving K. Fox, director, Westwater Research Centre, UBC, on **The Westwater Project.** Room 1465, west wing, Biological Sciences Building.

4:30 p.m. **CHEMISTRY SEMINAR.** Dr. P. Legzdins, Chemistry, UBC, on **Aspects of Organometallic Nitrosyl Chemistry.** Room 250, Chemistry

## WEDNESDAY, MARCH 9

12 noon **PHARMACOLOGY SEMINAR.** Dr. D. M. J. Quastel, Pharmacology, UBC, on **Problems Concerning Mechanisms of Transmitter Release.** Room 114, Block C, Medical Sciences Building.

12:30 p.m. **ENGLISH LECTURE.** Prof. Laurence Kitchin, English, SFU, on **Shakespeare and the University Teacher.** Room 102, Buchanan Building.

3:30 p.m. **ASIAN RESEARCH WORKSHOP.** Prof. G. S. Bhalla, Economics, Nehru University, New Delhi, on **Food Aid, Grain Prices, and Agricultural Development.** Room 201, Mechanical Engineering Annex.

**STATISTICS WORKSHOP.** Prof. Carl E. Sarndal, Commerce and Business Administration, UBC, will speak, Room 321, Angus Building.

4:30 p.m. **ANIMAL RESOURCE ECOLOGY SEMINAR.** Dr. N. J. Wilimovsky, Animal Resource Ecology, UBC, on **The Tuna-Porpoise Controversy.** Room 2449, Biological Sciences Building.

**COMPARATIVE LITERATURE LECTURE.** Andrew Busza, English, UBC, on **A Reactionary Approach to Conrad, Part II: Conrad and the Moderns.** Penthouse, Buchanan Building.

## THURSDAY, MARCH 10

12:15 p.m. **BIOMEDICAL COMMUNICATIONS** media show. This week's films are *It's Easier Than You Think* and *Creating A Supportive Environment For The Elderly.* Room B8, Woodward Instructional Resources Centre.

12:30 p.m. **ASIAN STUDIES SERIES** on different aspects of Chinese culture. Prof. D. Overmeyer speaks on **Wild Horses in a Field: Taoist View of Life.** Room 106, Buchanan Building.

**ZOOLOGY NOON-HOUR TRAVELS.** Dr. G. Pickard, Oceanography, UBC, on **Pacific Islands: High and Low.** Room 2000, Biological Sciences Building.

**CELL BIOLOGY SEMINAR.** Dr. Richard Landesman, University of Vermont, on **Cause or Effect: The Embryologist's Dilemma.** Room 2321, Biological Sciences Building.

**ENGLISH LECTURE.** Prof. Peter Buitenhuis, chairman, English department, SFU, on **E. J. Pratt as Poet of the Sea.** Room 102, Buchanan Building.

**FINE ARTS LECTURE.** Prof. Andree Hayum, art department, Fordham University, on **Meaning and Function of the Isenheim Altarpiece: The Hospital Context Revisited.** Room 102, Lasserre Building.

2:30 p.m. **CONDENSED MATTER SEMINAR.** Pat Barry, UBC, on **Electromagnetic Resonances in Crystals of TTF-TCNQ at Microwave Frequencies.** Room 318, Hennings Building.

3:45 p.m. **APPLIED MATH AND STATISTICS COLLOQUIUM.** Prof. Michael Mackey, Physiology, McGill University, Montreal, on **Oscillation and Chaos in Physiological Control Systems.** Room 2449, Biological Sciences Building.

4:00 p.m. **PHYSICS COLLOQUIUM.** R. C. Jaklevic, Ford Scientific Research Labs., Dearborne, Mich., on **Quantum Size Effects in Thin Metal Films by Electron Tunneling.** Room 201, Hennings Building.

**BIOCHEMICAL SEMINAR.** Dr. Beverley Green, Botany, UBC, on **The Molecular Biology of the Chloroplast in Acetabularia and Other Organisms.** Lecture Hall 5, Woodward Instructional Resources Centre.

4:30 p.m. **BIOMEMBRANES GROUP SEMINAR.** Dr. Christopher Grant, Biochemistry, University of Western Ontario, on **Glycolipids and Glycoproteins as Recognition Sites in Lipid Bilayer Model Membranes.** Lecture Hall 1, Woodward Instructional Resources Centre.

8:00 p.m. **SOCIAL WORK COLLOQUIUM.** Prof. Ben Chud, Social Work, UBC, on **Canadian Social Workers in Russia, 1976.** Room A, School of Social Work.

## FRIDAY, MARCH 11

12:30 p.m. **GRADUATE STUDENTS' ASSOCIATION** presents guest speaker alderman Harry Rankin. Committee Room, Graduate Student Centre.

**COMPUTER SCIENCE COLLOQUIUM.** Dr. Alan K. Mackworth, Computer Science, UBC, on **Reading Sketch Maps.** Room 326, Angus Building.

**HEALTH CARE AND EPIDEMIOLOGY SEMINAR.** Dr. Harvey Haakonson and Dr. John Bardsley, Surgeon General's Office, National Defence Headquarters, Ottawa, on **Preventive Medicine in the Canadian Armed Forces.** Room 146, Mather Building.

**CHEMICAL ENGINEERING SEMINAR.** D. Sheraton on **Photolytic Oxidation of Mercaptans.** Room 206, Chemical Engineering Building.

**LINGUISTICS COLLOQUIUM.** Edwin Pulleyblank, Asian Studies, UBC, on **Some Issues on the Genesis of Tone.** Room 2225, Buchanan Building.

4:30 p.m. **EAST ASIA SEMINAR.** Prof. Jack Dull, History, University of Washington, on **The Patrimonial Element in Early Man.** Room 209, Mechanical Engineering Annex.