

AUCC plans March talks in Montreal

The Association of Universities and Colleges of Canada is planning to meet in Montreal on March 25 and 26 with representatives of the federal and provincial governments for "precedent-setting" discussions on the financing of Canadian universities.

The meetings, which will be convened by the AUCC, were announced in Victoria Friday (Jan. 30) by AUCC President Michael Oliver.

He made the announcement at a news conference in the Legislative Buildings after a meeting with Premier Bill Bennett at which Dr. Oliver, who is also president of Carleton University in Ottawa, presented an AUCC brief on university financing.

Attending the meeting with Dr. Oliver were the presidents of B.C.'s three public universities — Dr. Douglas T. Kenny of UBC, Dr. Pauline Jewett of Simon Fraser University and Dr. Howard Petch of the University of Victoria.

Victoria was the final stop on a cross-Canada trip by Dr. Oliver to discuss the AUCC brief with the premiers of Canada's 10 provinces. The brief was presented to Prime Minister Trudeau on Jan. 15.

It calls for a two-year extension to March, 1979, of the current arrangements between the federal and provincial governments for sharing the operating costs of universities, the lifting of a 15-per-cent ceiling imposed by the federal government in 1974 on the annual increase in operating costs, and an immediate start on talks between the federal and provincial governments and the universities on future fiscal arrangements.

Dr. Oliver said the Montreal meetings would "set something of a precedent" because they would mark the first time that federal and provincial government representatives would meet university representatives to discuss "topics of general concern in university development."

He said questions to be discussed include:

- Accessibility to university, particularly as this affects inter-provincial, inter-regional and international mobility of students;

- Financing of universities in relation to student accessibility to higher education;

- The possibility of a Canada-wide policy on student fees and how such a

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PHONY signs posted Monday by UBC Engineers on main arteries leading to UBC were ignored by most drivers and failed to create traffic jam on University Boulevard. Hoax marked opening of Engineering Week on campus.

Offers to pay honorariums

UBC registrar Jack Parnall says he's prepared to pay honorariums for students who manned the polls at last week's student elections to the Senate and Board of Governors.

He said he would not pay the students directly but was prepared to send a cheque to the Alma Mater Society for an amount equal to the honorariums that would have been

Kenny acts to improve women's lot

UBC President Douglas Kenny has launched a series of far-reaching initiatives aimed at improving conditions for women throughout the University community.

He has asked for a study, to be carried out in the closest possible co-operation with campus unions, of personnel policies and working conditions for women in non-academic posts.

This factual study will try to determine whether women are subject to discrimination in wage rates, promotion, job opportunities or personnel policies. The president's office will move quickly to solve any problems brought to light by the study.

All deans will be asked to describe their plans to provide special help to undergraduates concerning the possibility of graduate study in fields where present enrolment is largely of one sex.

They will also be asked for their plans to help women graduates to find employment in their fields.

The president will ask the deans for data on the proportion of women in both academic and professional employment in the fields studied in their faculties, and a statement on how this is taken into account in the faculties' hiring and admissions policies.

Each dean will be asked to report annually the number of male and female applicants for graduate study, teaching assistantships and faculty positions, and the corresponding admissions and appointments.

The deans will also be asked to report on their plans to revise curriculums to bring them into consonance with contemporary needs and, where appropriate, to take into account the role and contributions of women.

The president's office will analyze all this information and, in consultation with the deans, do whatever is necessary to help the faculties correct any problems brought to light.

Student Services will be asked to set up programs to take faculty members into high schools to make students more aware of the possibilities of study in fields

ELECTION

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paid by the AMS. "All the AMS has to do is send a formal request to me," he told *UBC Reports*.

Last week, Students' Council voted to ask the UBC administration to assume the cost of the election and to pay students who manned the polls the minimum wage of \$2.50 an hour. In the past these volunteers have been paid by the AMS at the rate of two Pit tokens an hour.

Under the Universities Act, the registrar has responsibility for conducting elections to the Senate and Board.

Counting of last week's ballots went ahead Friday and Monday despite charges from some quarters that the registrar had not taken steps to ensure a secret ballot.

Students who voted were required to place their marked ballot in an envelope and write their name and student number on the outside. Names and numbers were checked in the registrar's office to ensure voter eligibility before envelopes were opened and votes counted.

About one hundred students refused to write their names and student numbers on the envelopes and their ballots were not counted.

AMS returning officer Brent Tynan told *UBC Reports* that the method of conducting the election was worked out co-operatively by the AMS with Mr. Parnall. He said Mr. Parnall had shown no reluctance to make changes suggested by the AMS.

AMS officials and many of the election candidates were present in the registrar's office at Mr. Parnall's request on Friday and Monday when ballot envelopes were opened and discarded.

About ten per cent of the student body voted in the elections which resulted in two Applied Science

students being elected from a field of eight candidates to one-year terms on the Board of Governors.

Elected were incumbent Rick Murray, a fourth-year civil engineering student who begins his second term on the Board, and third-year electrical engineering student Basil Peters, who succeeds Svend Robinson, a third-year law student who resigned his seat on the Board in December. They attended the February meeting of the Board yesterday.

Mr. Murray polled 901 of the 1,928 votes cast and Mr. Peters received 719. Commerce student Dave Theesen was third with 666.

A total of 2,023 ballots were cast in the election of students to the UBC Senate. Elections were held in only 2 of the 12 faculties — Law and Applied Science — for student senators to represent their faculties. Nine other students were elected by acclamation.

The question of student representation on Senate for the Faculty of Commerce and Business Administration has been referred by Mr. Parnall to the Senate Committee on the Universities Act. Peter Harper,

AUCC

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policy would relate to student aid;

- Relations between universities and other post-secondary institutions, including community colleges;

- The role of the federal and provincial governments in research and research funding and the importance the two levels of government attach to research;

- Matters related to graduate studies, which Dr. Oliver said "are so important in terms of highly trained manpower for Canada"; and

- The identification of centres of excellence across Canada for the development of "specialties in the national interest."

who had been elected by acclamation, withdrew from the University in December.

In the Faculty of Law election incumbent Gordon Funt defeated William S. Clarke, and in Applied Science John Swainson defeated Bill Low.

Faculty representatives elected by acclamation are (an asterisk indicates an incumbent): Susan E. Hoyles, Agricultural Sciences; Don Poy, Graduate Studies; Bill Broddy, Arts; Gabriel Gedak, Dentistry; Joan Blandford,* Education; Hans Buys, Forestry; John B. Le Huquet, Medicine; Robin J. Ensom, Pharmaceutical Sciences; Robert Salkeld, Science.

Senators at large elected from a field of 14 candidates are: Dick Byl, Law 1; Brian Higgins,* Law 1; Keith Gagne,* Applied Science 3; David MacKinnon, Arts 3; and Bill Black, Applied Science 2.

WOMEN

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traditionally considered closed to one sex or the other.

Student Services will also be asked to devise counselling programs to help first-year students choose their majors with as little regard as possible for traditional sex-typing of fields of study.

An ad hoc committee will be set up to see if it is possible to provide pension benefits to sessional lecturers. (Many of the faculty appointed only for eight-month sessional terms are women. At present, because of lack of continuity in their appointments they are unable to participate in the UBC pension plan, even though they may have served the University for years.)

Graduate Studies will be asked to consider extending its deadlines for completion of graduate degrees to enable part-time women students to complete their programs.

Each dean will be asked for a list of four or five of the world's top women academics in each discipline taught in his faculty. When faculty openings occur the president's office will try to provide extra funds to attract one of these women to the position.

Another committee will be set up to consider the creation of special funds to offer fellowships for graduate study to women who have been out of school for five years or more and to provide scholarships for women taking residency training in the health sciences.

Last September President Kenny established a committee to investigate salary differentials for faculty men and women, and set aside \$100,000 to correct any inequities it discovered. The committee is expected to report shortly.

THE MUSIC BOX

THURSDAY, FEB. 5

12:30 p.m. **FACULTY RECITAL.** Hans-Karl Piltz, viola; Robert Rogers, piano; and Milan Hurt, string bass, play *Music of Brahms, Wilson and Spenger.*

8:00 p.m. **GRADUATION RECITAL.** Althea Holdcroft, flute, plays *Music of J.S. Bach, H. Somers, W. McCauley, H. Villa-Lobos and J. Rivier.*

FRIDAY, FEB. 6

8:00 p.m. **FACULTY RECITAL.** Robert Silverman, piano, performs *Music of Beethoven, Prokofiev and Wilson.*

TUESDAY, FEB. 10

8:00 p.m. **GRADUATION RECITAL.** Harry Kirschner, composer, presents *Music of Kirschner.*

WEDNESDAY, FEB. 11

12:30 p.m. **FACULTY RECITAL.** Jane Martin, flute; and Patrick Wedd, piano, perform *Music of Jolivet, Kenins and Reinecke.*

THURSDAY, FEB. 12

12:30 p.m. **FACULTY RECITAL.** John Husser, bassoon and tenor sax; Dale Reubart, piano; Hans-Karl Piltz, viola; Gwen Thompson Robinow, violin; John Rapson, clarinet; with Kathryn Husser, soprano, perform *Music of Hindemith, Webern, Osborne, Stein, Tansman and Bitsch.*

All performances held in Recital Hall, Music Building.

TRIUMF will open Feb. 9

Prime Minister Trudeau will make a one-hour visit to the UBC campus next Monday, Feb. 9, for the formal dedication ceremony marking the official opening of TRIUMF.

The prime minister is scheduled to arrive at 2:30 p.m. He will deliver a short speech, unveil a plaque and then tour the TRIUMF facility.

TRIUMF is a joint project of UBC, the University of Alberta, the University of Victoria and Simon Fraser University. The universities put up \$6 million for the buildings and the

Habitat talks start March 1

Three of the world's top authorities on human settlements will visit the UBC campus as part of the Distinguished Lecturers Series related to Habitat.

They are Robert C. Weaver of New York, Sir Richard Llewelyn-Davies of London and Jean Gottmann of Paris.

Each will give a major public lecture in the evening, followed the next day by a noon-hour talk for students and an invitation-only seminar for faculty and graduate students.

All of the lectures will be tape-recorded and videotaped so that they can be used for teaching purposes later.

Habitat, the United Nations Conference on Human Settlements, will be held in Vancouver from May 31 to June 11, and the University received a \$20,000 grant from the federal government to finance the lecture series.

Dr. Weaver, who will speak at UBC on the evening of March 1 and the afternoon of March 2, has been connected with public housing at the government level since 1937, and was U.S. Secretary of Housing and Urban Development for three years under President Johnson.

Sir Richard, made a member of the House of Lords in 1963 for his professional and academic work in planning, will be at UBC March 17 and 18. He heads the Bartlett School of Architecture at the University of London, and is dean of the School of Environmental Studies. He has been closely involved with the planning of a number of resettlement problems in various countries.

Prof. Gottmann, a professor of geography at Oxford since 1968, will be at UBC March 29 and 30, en route home from a trip to China and Japan. His book *Megalopolis*, published in 1961, is credited with changing the entire concept of city development and planning.

federal Atomic Energy Control Board spent \$30 million on the cyclotron and other scientific apparatus.

The facility will be used for pure and applied research, and will also be the world's most advanced radiation treatment centre for cancer. The first patients are expected to be treated there by early 1978.

Core of the project is the largest and most complex cyclotron, or particle accelerator, ever built. It produces mesons — in an intensity one thousand times greater than has ever been done before — and beams of mesons can be used to probe atomic nuclei and explore their properties in ways that are impossible otherwise.

In the treatment of cancer, mesons have the unique advantage of being able to deposit energy with pinpoint accuracy. Thus, a beam can be directed to a malignant tumor inside the body and kill it, with relatively little damage to surrounding normal cells.

The beams of TRIUMF can also be used for non-destructive analysis of materials in fields ranging from environmental protection to industrial process control and forensic science.

Massive concrete blocks shield personnel from the radiation produced by the cyclotron. The dedication ceremony, in fact, will be held directly above the cyclotron — on top of almost sixteen feet of solid concrete.

The TRIUMF program involves scientists of many disciplines — physicists, chemists, biologists, medical researchers, metallurgists and others — and has attracted proposals and research personnel from Saskatchewan, Manitoba, Ontario, Quebec and Newfoundland, as well as from universities in B.C. and Alberta.

Scientists from abroad, including 12 from Britain, 5 from Japan and several from the U.S. and New Zealand, have brought to TRIUMF ideas and valuable sophisticated ancillary equipment for use by the entire project.

Additions to open

The Earle Douglas MacPhee Executive Conference Centre and the Cyrus H. McLean Audio-Visual Theatre will be officially opened Feb. 12 by Education Minister Pat McGeer.

The centre occupies the entire main floor of the four-storey north wing of the Henry Angus Building, and the audio-visual theatre takes up the top floor.

Dean Emeritus MacPhee retired as dean of the Faculty of Commerce and Business Administration in 1963. Cy McLean was co-chairman of the 3 Universities Capital Fund in 1964-65.

SPORTS MENU

BASKETBALL — The men's and women's teams from the University of Victoria will invade UBC this weekend to take on the Thunderbirds, the Thunderettes, and the Jayvees. Action begins at 4:30 p.m. on Friday, Feb. 6, when the men's Jayvee teams meet. The Thunderettes play at 6:30 p.m., followed by the Thunderbird game at 8:30 p.m. The whole schedule is repeated on Saturday in the War Memorial Gymnasium.

VOLLEYBALL — The University of Alberta men's and women's teams will clash with UBC in the War Memorial Gymnasium on Saturday. The Thunderettes play at 12 noon and the Thunderbirds at 2 p.m.

Ten new members join 25 - year club

Ten new members will be inducted into UBC's 25-year Club when it holds its annual banquet in the Faculty Club on Friday at 7 p.m.

The club, which already has a membership of 35 persons, was started in 1970 by UBC's former president, Dr. Walter H. Gage, to recognize members of the UBC staff with 25 or more years of service to UBC.

UBC's current president and honorary president of the club, Dr. Douglas Kenny, will speak at the banquet and present 25-year pins to new members. The inductees will be presented to President Kenny by club president Ellis McLintock, of the purchasing department.

New members of the club are: Gladys Bealing, Surgery; Margaret Bernard and Anne Champayne, both of Food Services; Gordon Crosson, Anatomy; Margaret Frederickson, dean of women's office; Gerald Kent, Pharmacology; Earl Pook, Physical Plant; Micki Tanaka, Anatomy; Nicholas Weesjes, Physical Plant; and William White, vice-president and bursar of UBC.

UBC

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THIS WEEK AND NEXT

THURSDAY, FEB. 5

- 12:30 p.m. **SALT TALKS LECTURE.** Dr. Leighton Ford on *The End of Anxiety*. Ballroom, Student Union Building.
- FINE ARTS ILLUSTRATED LECTURE.** Richard Prince, Vancouver artist, in *A Discussion of My Works with Historical References*. Room 102, Lasserre Bldg.
- FORESTRY LECTURE.** Prof. K.A. Armson, Silviculture, Forest and Nursery Soil Management, University of Toronto, on *Forest Management in Ontario*. Room 166, MacMillan Building.
- CELL BIOLOGY SEMINAR.** Dr. P.S. Vassar, of UBC's pathology department, on *Cell Surfaces and Cell Electrophoresis*. Room 2361, Biological Sciences Building.
- LOCAL TALENT READING SERIES,** sponsored by the Library, features UBC English department student Carolyn Borsman reading from her works. Orientation room, lower level, Sedgewick Library.
- 3:45 p.m. **APPLIED MATH AND STATISTICS COLLOQUIUM.** Prof. Keith Aldridge, Geophysics and Astronomy, talks on *Inertial Oscillations of a Contained Rotating Fluid*. Room 1100, Mathematics Building Annex.
- 4:00 p.m. **PHYSICS COLLOQUIUM.** J.P. Wolfe, University of California at Berkeley, on *Electron Hole Liquid in Pure Germanium: A Novel Plasma*. Room 201, Hennings Building.

FRIDAY, FEB. 6

- 3:30 p.m. **COMPUTER SCIENCE COLLOQUIUM.** Dr. J. Gray, IBM Research Laboratory, San Jose, Calif., on *Some Aspects of a Data Management System*. Room 326, Angus Building.
- 4:00 p.m. **WESTWATER COMMITTEE ON AIR POLLUTION.** Dr. Peter Summers, Atmospheric Environment Service Headquarters, Downsview, Ont., talks on *Meteorology and Air Pollution*. Room G65-66, Woodward Instructional Resources Centre.
- 8:30 p.m. **THE CENTRE COFFEE HOUSE,** sponsored by the Co-operative Christian Campus Ministry, presents *Variety Night*. Lutheran Campus Centre. \$1 a person.

SATURDAY, FEB. 7

- 9:00 a.m. **RESTORATIVE DENTISTRY SYMPOSIUM,** featuring guest speakers on *Behavioral Sciences in the Dental Curriculum*, takes place in Lecture Hall 3, Woodward Instructional Resources Centre. Programs available from Room 364, Dentistry Building.
- 8:15 p.m. **THE VANCOUVER INSTITUTE.** Dr. Michael Sheehan, Cecil H. and Ida Green visiting professor, on *Excavation at Alahan: Social Dimensions of the Life of an Early Christian Monastery*. Lecture Hall 2, Woodward Instructional Resources Centre.

MONDAY, FEB. 9

- 12:30 p.m. **CANCER RESEARCH CENTRE.** W.L. Dunn, of UBC's pathology department, gives a progress report on *Topics of Current Interest in Clinical Cancer Investigation*. Library, Block B, Medical Sciences Building.
- CUSO FILM SERIES** presents *8 or 9 in the Morning*, and *Self-Reliance*. Room 201, Geography Building.
- 3:30 p.m. **MANAGEMENT SCIENCE SEMINAR.** Prof. D. Wehrung, Commerce and Business Administration, UBC, on *Interactive Preference Assessment in a Financially Constrained University*. Room 306, Angus Bldg.
- MECHANICAL ENGINEERING SEMINAR.** A. Malhotra, Mechanical Engineering graduate student, on *Turbulent Heat Transfer to Supercritical Fluids*. Room A106, Mechanical Engineering Annex.

- 4:30 p.m. **PHYSIOLOGY SEMINAR.** Dr. Bill Driedzic, physiology department, Hershey Medical Centre, Pennsylvania State University, on *The Co-ordination of Fatty Acid Metabolism with Krebs's Cycle Activity in Mammalian Heart*. Room 2449, Biological Sciences Building.
- BIOCHEMICAL DISCUSSION GROUP** and **CANCER CONTROL AGENCY OF B.C.** Joint Seminar on *Synthesis and Testing of Some New Anti-Cancer and Anti-Viral Nucleosides*, with Dr. T.A. Khwaja, associate professor of pathology, University of Southern California, Los Angeles. Conference room, second floor, Cancer Control Agency, 2656 Heather Street.

TUESDAY, FEB. 10

- 12:30 p.m. **BOTANY SEMINAR.** Dr. Janet Stein, botany department, UBC, talks on *The Intemperate Algae*. Room 3219, Biological Sciences Building.
- PHARMACEUTICAL SCIENCES LECTURE.** Larry Gontovnick, Pharmacology graduate student, on *Arene Oxides: Toxic Metabolites? II*. Lecture Hall 3, Woodward Instructional Resources Centre.
- 3:30 p.m. **ACADEMIC COLLOQUIUM.** Lee Johnson of UBC's English department, on *The Geometrical Spirit of Wordsworth's Poetry*. Room 599, Buchanan Tower.
- 4:30 p.m. **CHEMICAL ENGINEERING SEMINAR.** S.E. Lipin, graduate student, on *Some Aspects of Thermal Pollution*. Room 206, Chemical Engineering Building.
- CHEMISTRY SEMINAR.** Dr. James Kutney, chemistry department, UBC, on *Studies on Clinically Important Anti-Tumor Agents*. Room 250, Chemistry Bldg.
- 7:30 p.m. **CUSO INFORMATION.** Recruiters from Ottawa will give information in the fields of agriculture, education and engineering. Upper lounge, International House.

WEDNESDAY, FEB. 11

- 12:30 p.m. **CLASSICS LECTURE.** Prof. David Campbell, University of Victoria, on *Alcaeus in Particular and in General*. Room 202, Buchanan Building.
- 12:35 p.m. **FREE FILM SERIES** presented by the dean of women's office, features *The Ascent of Man, Part II: Generation Upon Generation*. Auditorium, Student Union Bldg.
- 1:30 p.m. **SOCIAL WORK LECTURE.** Prof. John Spencer, director, Department of Social Administration, University of Edinburgh, on *Current Developments in Welfare, Health and Correctional Services in the United Kingdom*. Lecture Hall A, School of Social Work.
- 3:30 p.m. **STATISTICS WORKSHOP.** Prof. J. Press, of UBC's commerce and business administration faculty, on *Simultaneous Bayesian Estimation of Normal Parameters*. Room 321, Angus Building.
- MEDIEVAL STUDIES LECTURE.** Dr. Michael Sheehan, Cecil H. and Ida Green visiting professor, on *Family Without Marriage*. Penthouse, Buchanan Bldg.
- 4:00 p.m. **GEOPHYSICS AND ASTRONOMY SEMINAR.** Dr. David J. Crossley, physics department, Memorial University, Newfoundland, on *Some Problems in the Dynamics of Rotating Fluids with Application to Motions Within the Earth's Core*. Room 260, Geophysics Bldg.
- 4:30 p.m. **ANIMAL RESOURCE ECOLOGY SEMINAR.** Derek Roff, Animal Resource Ecology, UBC, on *Sex, Size and Survival*. Room 2449, Biological Sciences Building.
- 8:00 p.m. **ARCHAEOLOGICAL SOCIETY MEETING.** Dr. Patricia Hitchins, anthropology department, UBC, on *Bronze Age in Japan*. Auditorium, Centennial Museum.

THURSDAY, FEB. 12

- 9:00 a.m. **PSYCHIATRY DEPARTMENTAL CONFERENCE.** Panel discussion, chaired by Dr. A. Marcus, Psychiatry, UBC, on *New Directions of Care in Forensic Psychiatry*. Lecture theatre, Health Sciences Centre Hospital.
- 12:30 p.m. **LOCAL TALENT READING SERIES,** sponsored by the Library, features Andrew Busza, of UBC's English department, reading from his works. Orientation room, lower level, Sedgewick Library.
- HISTORY LECTURE.** Dr. Perez Zagorin, history department, University of Rochester, N.Y., on *Rationality Under Siege*. Room 102, Buchanan Building.