

# REPORTS

Volume 31 Number 16

September 11, 1985

## UCBC rejects UBC's request for funds

UBC had hoped to receive additional funds for its 1985-86 operating budget from the Universities Council of B.C. (UCBC). The funds were to come from the unallocated reserve of the University Adjustments Program (UAP), a \$14,924,900 fund included as part of the 1985/86 provincial global allocation for

university operating grants.

The UAP fund, representing five per cent of the funds allocated for operating costs at the three provincial universities, was intended "to assist in program adjustments within and between the universities, faculty renewal and for research and instruction in emerging and innovative high-priority areas."

Most of the UAP fund had previously been distributed by UCBC, but nearly \$3.5 million was held back for contingencies.

On Aug. 30, UCBC chairman George Morfitt wrote to President pro tem. Robert Smith to inform him that no additional funds had been allocated to UBC from the UAP.

In his letter, Mr. Morfitt said \$2.1 million of the unallocated UAP reserve had been approved for release to the University of Victoria and Simon Fraser University for engineering expansion.

This was done, the letter said, at the request of Universities Minister Dr. Patrick McGeer and was also based on UCBC's own review of budget plans and cash flow requirements of engineering expansion commitments at these two universities.

President pro tem. Smith said that he was "bitterly disappointed" in the council's decision not to provide additional operating funds. In a letter to the University community issued last week, he said that a major revision in the 1985-86 operating budget will need to be undertaken.

In the same letter, Dr. Smith said he had been informed that \$1.3 million remains in the UAP fund, "of which \$400,000 is earmarked for possible additional funding for engineering expansion at the University of Victoria and Simon Fraser University. Council will not make a decision on the final \$900,000 until December, 1985."

The operating budget approved by the board in July included a deficit of \$3.2 million, which it was anticipated would be reduced as a result of allocations by UCBC from the UAP.

The UCBC allocations for 1985-86 provide UBC with less than 50 per cent of the UAP funds. This proportion is significantly less than the 60 per cent which historically has been appropriated to UBC from prior years' provincial operating grants.

### Man-in-Motion Tour

**Update: Sept. 11, 1985.** Rick Hansen has travelled 7,025 miles on his round-the-world-wheelchair tour to raise funds for spinal cord research and rehabilitation, and is currently in Gdansk, Poland. Contributions in B.C. so far total \$420,000. If you'd like to make a donation, call 687-5200. Call this number if you're prepared to volunteer to help with tour administration.



Terry Sumner

## Finance director begins Sept. 16

Mr. Terry Sumner, a chartered accountant with experience in government and the private sector, has been appointed director of the Department of Financial Services at UBC. His appointment is effective Sept. 16.

Mr. Sumner comes to UBC from the provincial Ministry of Finance where he was Manager of Borrowing Operations and Registrar of Securities in the Treasury Department. Before joining the finance ministry in 1980, he was employed by Thorne Riddell and Co.

Mr. Sumner is an economics graduate from Simon Fraser University and received his Licentiate in Accounting from UBC in 1976. He is a member of the Institute of Chartered Accountants of British Columbia.

Reporting to Mr. Sumner will be Mr. Allen Baxter, who takes on the role of Director of Financial Systems Development. Mr. Baxter will be responsible for the design and implementation of automated and manual financial systems at the University, including a new general ledger and accounts payable system which should be installed by April 1, 1986.

Mr. Sumner can be reached at 228-4800 and Mr. Baxter at 228-2661.



The appointment of a new director and some organizational restructuring has resulted in some new faces in UBC's Department of Personnel Services. Pictured, clockwise from bottom, are the department's new director Eileen Stewart, UBC's radiation protection and pollution control officer Bill Rachuk, who joins the newly established Occupational Health and Safety office, Dr. Wayne Greene, director of Occupational Health and Safety, and Maureen Simons, new manager of faculty and staff services.

## Personnel reorganized

The Department of Personnel Services has undergone some changes during the summer.

The new director of the department is Ms. Eileen Stewart, who was director of Personnel and Employee Relations Services at the British Columbia Institute of Technology before joining UBC. She replaces Mr. Robert Grant, who retired on Aug. 30. Ms. Stewart was associated with BCIT since 1977, serving as a recruitment manager and contract administrator before becoming director in 1981. She has earned both an undergraduate degree in economics and commerce and a Master of Business Administration degree from Simon Fraser University. Ms. Stewart can be reached at 228-2509.

Personnel Services has also undergone some organizational changes designed to support activities in the areas of pension and benefits administration and

occupational health and safety. The department is now divided into the following areas:

**FACULTY AND STAFF SERVICES.** Located in Room 312 of the General Services Administration Building, this unit provides retirement and benefits counselling, pension and benefits administration, orientation for salaried and hourly staff, tuition waivers, and staff personnel files and records management. The new manager of this area is Ms. Maureen Simons, who comes to UBC from the Southern Alberta Institute of Technology where she was manager of Benefit Plans. Ms. Simons can be reached at 228-4541.

**OCCUPATIONAL HEALTH AND SAFETY.** Dr. Wayne Greene has been appointed director of this area, which has

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See PERSONNEL

# UBC receives Donner grant for international studies

The Donner Canadian Foundation has approved a grant of \$300,000 to enable the University of British Columbia's Institute of International Relations to mount a four-year research project with the general title of "Canada and International Regulatory and Management Regimes."

One aspect of the project, which will involve at least 22 major studies, will be to highlight a number of problems that have plagued Canada—U.S. relations recently, including Canadian forest product exports, the sharing of fisheries stocks in the Atlantic and Pacific, conflicts over Arctic sovereignty and the transboundary acid rain problem.

Topics to be dealt with under the heading of international social policy include approaches to controlling the transfer of profits earned by the drug and narcotics trade, as well as two studies in the field of human rights—one focusing on developing countries, especially in Africa, and a second on Canadian interests and policies within the context of international trends in the regulation and promotion of human rights.

Other research studies will be undertaken under the headings of the

international debt crisis, international communication and transportation, international security topics (including collaboration to control terrorism), as well as three projects concerned broadly with trends in international regulation and collaboration.

Twenty UBC faculty members will participate in the project. Most of them come from the Departments of Economics and Political Science in the Faculty of Arts and from the Faculties of Commerce and Law. One of the studies will be co-sponsored by the Forestry Economics and Policy Analysis Project directed by Prof. Peter Pearce and the institute. There will also be two Simon Fraser University professors and several researchers attached solely to the institute who will author some of the studies.

Prof. Mark Zacher, who heads the UBC institute and teaches in the Department of Political Science, said one of the by-products of the project would be the fostering of interaction among faculty and students at UBC and with experts from outside the University.

He said it was anticipated that during the course of the project there would be a significant number of public seminars and lectures, some involving visiting scholars and government officials.

Other outcomes of the research

project will be a major conference to be held in late 1987 or early 1988 and a book containing papers specifically addressed to Canadian interests and policies in international regulatory arrangements.

Prof. Zacher said Canada has "long had strong interest in international collaborative arrangements stemming from strategies developed in the post-World War II period by leaders in the private sector as well as the federal government, notably Louis St. Laurent and Lester Pearson."

He said the purpose of the project funded by the Donner Foundation is "to analyze past and possible future regulatory and management regimes in a variety of international issue areas."

"Those who will participate in this project share a common interest in the trends in the development of regulatory and management regimes, factors that lead states to support such regimes and the implications of these regimes for individual states and for global welfare generally."

Prof. Zacher, who will himself author and co-author two of the research studies, added that it is "especially important at present that considerable thought and research be devoted to the evaluation of international collaborative arrangements."

Like other UBC institutes, the

Institute of International Relations, created in 1970, is a part of the Faculty of Graduate Studies. Its major purposes are the organization of multidisciplinary research projects and the promotion of international studies at UBC.

The Donner Canadian Foundation is an important supporter of social science and public policy research in Canada. The five policy areas in which it makes grants are international affairs, law reform and corrections, native peoples, oceans and inland waters, and Canada's North.

Since 1981 the foundation has made a number of grants to other programs at UBC. The Native Indian Teacher Education Program (NITEP) has received a total of \$255,500 to enable it to open new off-campus centres and to introduce Canada's first Master of Education degree in educational administration; a grant of \$275,000 to the Faculty of Education supports studies and training in correctional education; and the School of Community and Regional Planning is using a \$225,000 grant for research on northern megaprojects.

## Personnel

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responsibility for all health and safety programs on the campus and at the University's off-campus facilities. Dr. Greene, who was director of the Radiation Protection Service in the Ministry of Health's Occupational Health Division for the past 11 years, is responsible for ensuring that safety standards at UBC are in compliance with government regulations in the areas of radiation protection, diving safety, biohazards and chemical and industrial safety. Dr. Greene is available for consultation on any matter related to health and safety. He can be reached at 228-4218. Working with Dr. Greene is the University's radiation protection and pollution control officer Bill Rachuk, who can be contacted at 228-2643. The Occupational Health and Safety office is located in Room 209 of the Old Administration Building.

**EMPLOYMENT ADMINISTRATION, COMPENSATION AND LABOR RELATIONS.** These areas will continue to operate in Mary Bollert Hall, 6253 Northwest Marine Drive.

## Forms for Rhodes award available

Applications for the 1986 Rhodes Scholarship for B.C. are now available from the Office of Awards and Financial Aid, located in Room 50 of the General Services Administration Building.

The scholarship provides for tuition fees and living expenses for two years (with an option for a third year) at Oxford University in England. To be eligible for the scholarship a candidate must be unmarried, be "a Canadian citizen or person domiciled in Canada and have been ordinarily resident in Canada for at least the five years immediately preceding Oct. 1, 1985", have completed at least three years of university training by Oct. 1, 1986, and have been born between Oct. 2, 1961 and Oct. 1, 1986.

Selection is based on academic achievement and "qualities of character". Application deadline for the scholarship is Oct. 25, 1985.

## Vancouver Institute opens

The Vancouver Institute marks its 70th anniversary with a roster of outstanding speakers in its 1985 fall lecture series, which begins Sept. 21 at UBC.

The lectures, which are free and open to the public, take place at 8:15 on Saturday evenings in Lecture Hall 2 of the Woodward Instructional Resources Centre. The opening lecture on Sept. 21 will be given by UBC President-designate Dr. David Strangway, who will speak on "Exploring the Planets." The series continues until Nov. 30 with a lecture by Nobel Laureate Dr. Gerhard Herzberg on "The Space Between the Stars." Other lecture topics include Canada's economic performance, AIDS, relevance and our universities, Mozart, negotiating techniques and a special lecture by Canadian author Margaret Atwood.

A complete list of Vancouver Institute lecturers and their topics follow:

**Sept. 21**—UBC President-designate Dr. David Strangway, on "Exploring the Planets."

**Sept. 28**—Prof. Roger Fisher, Harvard Law School, on "Negotiating With the Russians and Your Wife."

**Oct. 5**—Dr. Michael Gottlieb, University of California at Los Angeles, on "AIDS: Medical Science in Action."

**Oct. 12**—Prof. C.S. "Buzz" Holling, UBC Institute of Animal Resource Ecology, on "Ecosystem Design: Local Surprise and Global Chance."

**Oct. 19**—President William Saywell, Simon Fraser University, on "Relevance and our Universities: Responsibility or Red Herring?" **A National Universities Week event.**

**Oct. 26**—Dr. George MacDonald, Director, National Museum of Man, Ottawa, on "Raven's Treasure House: Northwest Indian Art and Culture."

**Nov. 2**—THE DAL GRAUER MEMORIAL LECTURE. Canadian author Margaret Atwood, on "Blood and Thunder."

**Nov. 9**—Prof. Irwin Shainman, Williams College, Mass., on "Mozart: Myth and Reality."

**Nov. 16**—Nobel Laureate William Golding, English author, on "Thoughts and Reading."

**Nov. 23**—Dr. John Helliwell, Economics, UBC, on "Canada's Economic Performance, 1955 to 1990."

**Nov. 30**—Nobel Laureate Dr. Gerhard Herzberg, Herzberg Institute of Astrophysics, on "The Space Between the Stars."

If you'd like a brochure listing the Vancouver Institute lectures, please call 228-3131.

## Nominations for honorary degrees sought

UBC's 1986 degree-granting ceremony may be nine months in the future, but one committee of the Senate, which approves the award of both academic and honorary degrees, will begin its work shortly.

Senate's Tributes Committee, which identifies candidates for honorary degrees wants it known that any individual or organization on or off the campus can nominate an individual for recognition at the Congregation ceremony, which is scheduled for May 28, 29 and 30 next year.

Prof. John Dennison of UBC's Faculty of Education, who chairs the Senate committee, said the award of an honorary degree "is a recognition of distinguished achievement or outstanding service."

He said nominees should be distinguished scholars, creative artists, public servants, persons prominent in the community and the professions, and others who have made significant contributions to the life of the University and the province, or nationally and internationally.

"The overriding criteria should be excellence, eminence and accomplishment," he added.

Nominations, together with a brief biographical sketch of the nominee, should be sent to Dr. Dennison in the Faculty of Education or to Dr. John K. Stager, director of ceremonies, in the Old Administration Building.

## Elected Board position vacant

The early retirement of Victor Doray as head of UBC's Department of Biomedical Communications in the Faculty of Medicine means that the Board of Governors is one member short of its normal complement of 15 persons.

Mr. Doray, whose appointment with the University ended on Aug. 31, had been a member of the Board since February, 1984, following his election by full-time UBC employees who are not faculty members.

UBC's registrar, Kenneth Young, who is responsible for the conduct of all elections to the Board and Senate, has not yet put election machinery into motion because of Senate regulations which require that employees hired for the 1985-86 Winter Session only be given an equal chance to vote in an election with full-time continuing employees.

Mr. Young said he expects to call for nominations for the elected Board position early in October. The successful candidate will fill Mr. Doray's unexpired term of office, which continues until early 1987.

UBC's governing machinery gets back into action tonight (Wednesday) when the 85-member Senate holds the first of nine regular meetings scheduled for the 1985-86 academic year. Senate meets each month in the period September through May.

The Board of Governors also meets nine times a year, but not in the months of January, August and September. The Board's next regular meeting is scheduled for Oct. 3.

## Plants for sale ...

The Friends of the Botanical Garden annual plant sale for students began yesterday (Sept. 10) and continues Sept. 11 and 12. The sale takes place each day from 12 noon to 6 p.m. on the tennis courts adjacent to Norman MacKenzie House on Northwest Marine Drive. A path between the Botanical Garden Office and the Museum of Anthropology will lead you to the sale—just follow the signs from the garden office, 6501 Northwest Marine Drive.

## UBC joins celebrations for National Universities Week

UBC will join with other Canadian universities to participate in National Universities Week from Oct. 19 to 27.

The theme of the 1985 event, which is intended to illustrate the essential role of the university in community, regional and national development, is "Extending Ideas Into Your Community."

The week is designed to convince the general public as well as specialized audiences that universities are crucial

## Scholarships established by ministry

The provincial Ministry of Education has introduced a new scholarship program and a 25 per cent remission on B.C. loans in its financial aid package for post-secondary students.

The scholarships, which are based on a student's academic standing in the previous year, provides \$600 for students who finished in the top 10 per cent of their class and \$300 for students in the next 20 per cent.

"Students do not have to apply for these scholarships," said Byron Hender, director of the UBC awards and financial aid office. "UBC will advise Victoria of the names of students who finished in the top 30 per cent of their class and the ministry will notify students about the awards. Students will receive vouchers which can be utilized for up to 16 months." He added that because of the lateness of the announcement of the scholarship program, UBC students should not expect to receive their vouchers before the beginning of November.

To be eligible for the scholarships, students must have completed at least 12 units of UBC credit in an undergraduate or professional program and be registered for at least 60 per cent of a regular program in the 1985-86 academic year.

The scholarships are also available to students who completed six units in the 1985 spring and summer sessions. Students in the top 10 per cent receive \$300 and students in the next 20 per cent receive \$150.

The scholarships do not apply to students enrolled in graduate programs.

The provincial government is also offering graduating students a 25 per cent remission on the B.C. portion of their student loan. Students who came to the University from distances of 50 kilometres or more can apply for a remission of up to 33 per cent. The ministry will notify all eligible students and instruct out-of-town students on how to apply for additional loan remission. "It should be made clear that the 25 per cent applies to the provincial portion of the loan only, not to the student's total debt," said Mr. Hender.

He added that students who have graduated and are unable to find work may also be eligible for interest relief under a program established by the federal government. Details on this program are available from banks or from the awards office at UBC (228-5111).

**Note: The deadline for student bursaries has been changed from July 1 to Oct. 1. Application forms are available from the UBC awards office, located in Room 50 of the General Services Administration Building.**

to Canada's future.

"During National Universities Week we'll be making a concerted effort to remind Canadians that our universities are this country's best hope for the 21st century," said University of Alberta president Myer Horowitz, who is also co-chairman of the national coordinating committee for NUW.

UBC's administration, Alumni Association and the Alma Mater Society are all planning events during the week.

The event will be opened at UBC on Oct. 19, when President William Saywell of Simon Fraser University will address the Vancouver Institute in Lecture Hall 2 of the Woodward Instructional Resources Centre at 8:15 p.m. His topic is "Relevance and Our Universities: Responsibility or Red Herring?"

In the week that follows the Alumni Association will be staging its annual Homecoming celebration for graduates, the AMS will hold a rededication ceremony at the Student Cairn that stands opposite Brock Hall, present the Great Trekker Award at a banquet and stage a parade through downtown Vancouver. Athletic events scheduled for the week include the annual Arts 20 Relay from Vancouver General Hospital to the campus and an Oct. 25 football game between the UBC Thunderbirds and the University of Calgary.

Also being planned is a day on campus for Members of B.C.'s Legislative Assembly. MLAs will be given guided tours of selected UBC buildings and have the opportunity to take part in a series of seminars involving some of UBC's top teachers and researchers.

## Japanese law conference set for Sept. 27 & 28

The highlights of a three-year research program on Japanese law will be presented at a conference being sponsored this month by UBC's Faculty of Law.

The conference, which will be held on Friday, Sept. 27 and Saturday, Sept. 28 at the Asian Centre, is the culmination of a three-year program of teaching and research supported by a \$275,000 grant made to the University in 1981 by the Max Bell Foundation of Canada. These activities were carried out in UBC's Japanese Legal Studies Program, which was created in 1980.

"UBC has become the leading centre in Canada for studies on Japanese law, and we would like to acknowledge the importance of the contributions made by the Max Bell Foundation of Canada in developing this area of teaching and research," said Prof. Malcolm Smith, director of the Japanese Legal Studies Program. He adds that the Faculty of Law plans to expand its interests in the next five years to other areas of Asia Pacific law.

Conference participants include experts on Japanese law from UBC and other North American universities and delegates from Chukyo and Hokkaido Universities in Japan, the Hokkaido Canada Lawyers Association and the Mitsubishi Bank Foundation Research Project on U.S.—Japan Relations. Sessions on the first day of the conference will focus on aspects of Law in Japanese Society. On Saturday the general theme will be Law and Business in Japan.

For information on conference registration, call Prof. Malcolm Smith at 228-5592.



Surveying the ruins of the East Mall Classroom Annex, known as EMAX to its occupants, is a Faculty of Law student who said he once attended lectures in the building. By the time you read this, a new 52-car parking lot will be nearing completion on the site.

## New parking spaces added

Almost 1,000 new spaces were added to UBC's parking capacity this summer as the result of the creation of one new lot at the north end of the campus and the upgrading of the B lots which straddle Thunderbird Boulevard on the south campus.

Work is expected to be complete this week on a new 52-car lot being built on a site adjacent to the Curtis (law) Building formerly occupied by the East Mall Classroom Annex, which was demolished in late August.

Entry to the new lot, which is basically an extension of the Student Union Building lot, will be from Student Union Building Boulevard.

A total of 26 new parking meters have been installed on the west side of East Boulevard adjacent to the Buchanan Building to ease a shortage of visitors' parking on the north campus.

Parking will be easier this year for students in south campus B lots. The potholes and puddles of the past have been replaced by an asphalt surface and neat lines indicating parking stalls.

By utilizing previously unused areas

and clearly delineating parking stalls, some 919 new spaces have been added to the B lots, which have a capacity of more than 5,000 cars.

Perimeter landscaping of both the new lot at the north end of the campus and the B lots is planned.

As the result of a recommendation approved by UBC's Board of Governors in June, parking operations became an ancillary service, which means that revenues will be used to cover operating costs and develop new and existing facilities. Other major ancillary campus services are the Bookstore, Food Services and Student Housing.

## Food Services expanded in GSC

Lunch and evening food services are now available in the Graduate Student Centre on campus.

UBC's Department of Food Services is operating a cafeteria lunch Monday through Friday from 11 a.m. to 1:30 p.m. featuring specialty burgers, deli sandwiches and a wide variety of hot luncheon meals. In the evenings you can enjoy hot sandwiches and other food items in the centre's Garden Room lounge, which is open from 4:30 to 11:30 p.m. Monday through Thursday and from 4 to 11 p.m. on Fridays. The Garden Room features "theme" nights, with British pub night on Mondays, European sausage night on Wednesdays and hamburger and hot dog barbeques each Friday.

Mrs. Lois Cummings, manager of the new food operations, says that the Graduate Student Centre also offers excellent facilities for catering. "We can accommodate from 15 to 500 people for business meetings, luncheons and dinners, wedding receptions, parties and other occasions." For more information, call 228-3202.

## Open House rescheduled

UBC's annual Open House, which was tentatively scheduled for October, is to be rescheduled.

A committee is being established to examine the aims, objectives and target audiences for this event and to propose an approach that will reflect the needs of the University community.

The committee will be an on-going, permanent group that will carry over accumulated expertise gained from year to year at Open House. Representatives of the faculty, students and support staff will sit on the committee.

# UBC CALENDAR

## Calendar Deadlines

Notices for the weeks of Sept. 29 and Oct. 6 must be submitted no later than 5 p.m. on Sept. 19 to the Community Relations Office, Room 207, Old Administration Building, 6328 Memorial Road. Notices must be submitted on proper Calendar forms. For more information, call 228-3131.

## The Vancouver Institute Saturday, Sept. 21

Exploring the Planets. UBC President-designate Dr. David Strangway.

## Saturday, Sept. 28

Negotiating with the Russians and Your Wife. Prof. Roger Fisher, Harvard Law School.

Lectures take place in Lecture Hall 2 of the Woodward Instructional Resources Centre at 8:15 p.m.

## THURSDAY, SEPT. 12 Committee on Lectures.

The Janus-Face of Genius: The Role of Alchemy in Newton's Thought. Prof. Betty Jo Teeter Dobbs, History, Northwestern University. Co-sponsored by the Department of History, Department of History of Medicine and Science, and the Science, Technology, and Society Studies Committee. For further information, contact Prof. Stephen Straker, 228-5173. Room A-104, Buchanan Building. 12:30 p.m.

## Committee on Lectures.

Biological and Medico-Religious Concepts in Newton's Alchemy. Prof. Betty Jo Teeter Dobbs, History, Northwestern University. Co-sponsored by Department of History, Department of History of Medicine and Science, and the Science, Technology, and Society Studies Committee. For further information, contact Prof. Stephen Straker, 228-5173. Penthouse, Buchanan Building. 3 p.m.

## MONDAY, SEPT. 16 Committee on Lectures.

The Alehouse and Popular Society in Early Modern England. Prof. Peter Clark, History, Leicester University. Room 102, Buchanan Building. 12:30 p.m.

## Astronomy Seminar.

The Implications of Wolf-Rayet Spectra. Dr. Anne B. Underhill. Room 260, Geophysics and Astronomy Building. 4 p.m.

## Biochemical Discussion Group/ Biochemistry Seminar.

Structure and Evolution of the Genes Coding for the Blood Clotting Factors. Dr. Carl Breckenridge. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

## TUESDAY, SEPT. 17

### Botany Seminar.

Phytogeography of the Bryophytes of the Semi-arid Steppe of South Central B.C. Terry McIntosh, Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

### Oceanography Seminar.

On the Mean Circulation of the North Atlantic—Results of the German "Warm Water Sphere Project". Prof. W.J. Emery, Oceanography, UBC. Room 1465, West Wing, Biological Sciences Building. 3:30 p.m.

### Statistics Workshop.

Regression Trees Based on Rank Statistics. Prof. Mark R. Segal, Statistics, Stanford University. Room MA225, Mathematics Building. 3:30 p.m.

### Zoology Lecture.

The Role of Volunteer Organizations in Conservation in Developing Countries: Saving the Sea Turtles in the Caribbean. Maria Theresa Koberg, Team Member, Costa Rica Wider Caribbean Sea Turtle Network—Costa Rican Representative to Canadian Assembly on National Parks and Protected Areas. Room 2000, Biological Sciences Building. 7:30 p.m.

## WEDNESDAY, SEPT. 18 Music Recital.

Paul Douglas, flute, plays Music of the Time of Beethoven. Recital Hall, Music Building. 12:30 p.m.

## Canadian Association for Information Science.

Technical Information Communication Systems in IBM. Mr. T.F. McKimm, Systems Engineering Representative, IBM. B.C. Research Conference Room, 3650 Westbrook Mall. 7:30 p.m.

## Frederic Wood Theatre.

Tennessee William's play *The Glass Menagerie* opens tonight and continues until Sept. 28. Tickets are \$6.50, \$4.50 for students. For reservations, call 228-2678 or drop by the theatre office, Room 207, Frederic Wood Theatre. 8 p.m.

## THURSDAY, SEPT. 19

### Psychiatry Annual Research Day.

Current research conducted in the Department of Psychiatry presented by faculty and trainees. Coffee and refreshments. For further information, call 228-7327. Psychiatric Theatre, Psychiatric Unit, Health Sciences Centre Hospital. 9:30 to 4 p.m.

## Physics Colloquium.

In the Heat of the Night: Infrared Astronomy from Space. Dr. Charles Beichman, Jet Propulsion Laboratory, California Institute of Technology. Room 201, Hennings Building. 4 p.m.

## FRIDAY, SEPT. 20

### Medical Genetics Seminar.

Vermont Teratogen Information Network. Dr. H.E. Hoyme, Vermont Regional Genetics Centre, University of Vermont. Parentcraft Room, main floor, Grace Hospital. 1 p.m.

## General Systems Forum.

Prof. L.M. Ward, Psychology, UBC, will lead a discussion on The Entropy Theory of Perception. Salon F, Faculty Club. 4 p.m.

## MONDAY, SEPT. 23 Botany Seminar.

The Aerodynamics of Wind Pollination: A Study in Controlled Chaos. Karl J. Niklas, Plant Biology Section, Cornell University. Room 3219, Biological Sciences Building. 12:30 p.m.

## Applied Mathematics Seminar.

Markovian Foraging Models. Dr. Colin W. Clark, Acting Director, Institute of Applied Mathematics, UBC. Room 204, Mathematics Building. 3:45 p.m.

## Biomembranes Discussion Group/ Biochemistry Seminar.

Membrane Fusion, Lipid Composition and Tumorigenicity of Cultured Cells. Dr. David Roos, Biological Sciences, Stanford University. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

## TUESDAY, SEPT. 24 First Aid Registration.

St. John Ambulance is offering the Safety Oriented First Aid Course (SOFA) and Cardio-pulmonary Resuscitation Course (CPR) to UBC students. These courses are strongly endorsed by the Health Sciences' faculties and schools and have been given excellent ratings by students who have taken the courses in previous years. The SOFA course requires eight hours to complete and will be offered on Saturdays; upon completion of the program an Emergency First Aid Certificate will be issued, which is valid for three years. The CPR course requires 4½ hours to complete and will be offered on Saturdays. Each course costs \$20; course fees payable at registration. Registration continues on Sept. 26 from 10:30—2:30 p.m. Woodward Instructional Resources Centre Mall. 10:30 a.m.—2:30 p.m.

## Botany Seminar.

The Evolution of Plants: A Biochemical Perspective on Plant Form and Function. Karl J. Niklas, Plant Biology Section, Cornell University. Room 3219, Biological Sciences Building. 12:30 p.m.

## Chemistry Seminar.

The Microscopic Structure of Aqueous Solutions. Prof. Peter J. Rossky, Chemistry, University of Texas. Room 250, Chemistry Building (South Wing). 1 p.m.

## Oceanography Seminar.

The Biology of Planktonic Swimming Snails (Pteropods). Dr. Carol Lalli, Oceanography, UBC. Room 1465, Biological Sciences Building (West Wing). 3:30 p.m.

## Statistics Workshop.

Bounds for Non-Parametric T-Tables. Prof. David Edelman, Statistics, UBC. Room MA225, Mathematics Building. 3:30 p.m.

## WEDNESDAY, SEPT. 25 Pharmacology & Therapeutics Seminar.

Supraspinal-Mediated Spinal Actions of Morphine: A Look at the Evidence. Dr. John G. Sinclair, Pharmaceutical Sciences, UBC. Room 317, Basic Medical Sciences Building, Block "C". 12 noon.

## Obstetrics Research Seminar.

Role of Protein Phosphorylation in the Action of Insulin. Dr. R. Brownsey, Physiology, UBC. Room 2j41, Grace Hospital. 12 noon.

## Music Recital.

Jeremy Brown, saxophonist, plays Music of Granados, Martin and Archer. Recital Hall, Music Building. 12:30 p.m.

## Poetry Reading.

Reading by Canadian poet Phyllis Webb, author of (B)Wilson's Bowl, the Governor-General's Award-winning, *The Vision Tree*, and the recently published *Water and Light*. Sponsored by the Canada Council. Penthouse, Buchanan Building. 12:30 p.m.

## Hewitt Bostock Memorial Lecture.

The Invention of the Notion of 'The Englishness of English Art'. Prof. John C. Barrell, English, King's College, Cambridge. Also sponsored by the British Council and the UBC Depts. of English and Fine Arts. Penthouse, Buchanan Building. 2:30 p.m.

## THURSDAY, SEPT. 26

### Hewitt Bostock Memorial Lecture.

The Public Prospect and the Private View: English Landscape and Taste, 1730-1820. Prof. John C. Barrell, English, King's College, Cambridge. Also sponsored by the British Council and the UBC Depts. of English and Fine Arts. Room 104, Lasserre Building. 12:30 p.m.

## Physics Colloquium.

The Particle Zoo: Possible Origins of Dark Matter in the Universe. Dr. Michael Turner, Fermilab and the University of Chicago. Room 201, Hennings Building. 4 p.m.

## FRIDAY, SEPT. 27

### Medical Genetics Seminar.

Stromal Cells and Growth Factors in Hemopoiesis: Modulation by the SRC Oncogene. Dr. Paul Simmons, Terry Fox Lab, V.G.H. Parentcraft Room, main floor, Grace Hospital. 1 p.m.

## SATURDAY, SEPT. 28 Enjoy Japan Festival.

A two-day festival featuring Japanese performing arts, crafts, art displays, cooking demonstrations, films, tea ceremonies, fashion shows, prizes and more, takes place in the Asian Centre, International House, Museum of Anthropology and Old Auditorium. Don't miss the Sumo wrestling demonstration at the museum at 2:30 p.m. on Sunday, Sept. 29. Festival takes place from 12 noon to 5 p.m. on Saturday and from 11 a.m. to 5 p.m. on Sunday. Tickets are \$3 for adults, \$2 for students and seniors and free for children under 12. For more information, call 228-4688.

## Notices . . .

### Tour Time at the Library

Guided tours of Main and Sedgewick Libraries will be given weekdays Sept. 9 to 20 at 10 a.m. and 12:30 p.m. Groups meet in the Main Library entrance. Tours last about 45 minutes. Everyone is welcome.

### Fine Arts Gallery

*The Plastimetric Connection*, an exhibition of drawings and sculptures by Josef Caveno will be on display Sept. 11 to Oct. 10. The gallery, located in the basement of the Main Library, is open from 10 a.m. to 5 p.m. Tuesday through Friday and from 12 noon to 5 p.m. on Saturday. Call 228-2759 for more information.

## AGRICURL

Curling begins Tuesday, Oct. 16 at 5 p.m. at the Thunderbird Winter Sports Centre. New curlers welcome. Fee is \$65 for the season. For more information, call Jim Sheldford at 228-6578, Paul Willing at 228-3280 or Alex Finlayson at 228-4707.

## Nitobe Garden Hours

The Nitobe Japanese Garden is open from 10 a.m. to 3 p.m. weekdays and from 10 a.m. to 6 p.m. on Sept. 14 and 15. After Sept. 15 the garden will not be open at weekends until the spring.

## Food Service Hours

SUBWay Cafeteria—7:30 a.m. to 7 p.m. Monday to Thursday, 7:30 a.m. to 3:30 p.m. on Fridays, closed weekends; Arts 200—7:45 a.m. to 3:45 p.m. weekdays; The Barn—7:45 a.m. to 3:45 p.m. weekdays; Bus Stop—7:45 to 4 p.m. weekdays; Edibles—7:45 a.m. to 6:30 p.m. Monday through Thursday, 7:45 a.m. to 3:30 p.m. on Fridays; IRC Snack Bar—8 a.m. to 3:45 p.m. weekdays; Ponderosa—8 a.m. to 2 p.m. weekdays; Yum Yum's—7:45 a.m. to 4 p.m. weekdays.

## Alma Mater Society Displays

*Clubs of the Alma Mater Society of UBC—A Historical Perspective.* A photography exhibit by the Student Administrative Commission and the AMS Archives will be on display in the Student Union Building concourse from Sept. 20 to 30. *Homecoming '85: We've Still Got the Spirit.* This photography display will be in the SUB concourse Oct. 15 to 31. For more information, call 228-5320.

## Geology Museum

Located in the Geological Sciences Building, the museum has an impressive collection of fossils and minerals and an 80-million-year-old dinosaur skeleton. Open weekdays from 8:30 a.m. to 5 p.m. Free.

## Museum of Anthropology

Come visit one of the most impressive collections of Northwest Coast Indian artifacts in the world. Open Wednesday through Saturday, 11 a.m. to 5 p.m.; 11 a.m. to 9 p.m. on Tuesdays; closed Mondays. Admission is free on Tuesdays.

## TRIUMF

The TRIUMF cyclotron for nuclear physics research offers free tours twice a week. For information, call 222-1047.

## English Teas

Old-fashioned afternoon teas are offered every Sunday from 1 to 5 p.m. at Cecil Green Park, a beautiful turn-of-the-century mansion overlooking Georgia Strait. Enjoy English scones with Devonshire cream and preserves, tea sandwiches, fresh fruit and pastries and specialty teas and coffees. Reservations (228-2018) are recommended.

## Tennis Facilities

UBC has 22 indoor and outdoor tennis courts, including Western Canada's only grass court facilities. UBC also sponsors tournaments for players of every level, offers year-round instruction and operates a tennis pro shop. For more information, call 228-4396.

## Tinnitus Research

Research is being conducted in the Department of Psychology into psychological factors associated with aspects of tinnitus (ringing or buzzing in the ears). If you would like to participate in one research session on campus, please call Les Leader at 224-2551.

## Volunteers Wanted

Mothers of children between the ages of three and eight are required for a research project with the Department of Psychology. The project involves evaluating a program that teaches parenting skills. Approximately one hour is required and \$5 will be paid for participation. For additional information, contact Susan Cross Calvert, 321-4346.

## Reading, Writing and Study Skills

The Reading, Writing and Study Skills Centre of the Centre for Continuing Education offers non-credit courses to improve your reading speed and comprehension, essay writing, report writing, writing business letters and memos, writing research papers, editing, vocabulary, study skills, spelling and speaking skills. Courses begin the week of Sept. 23. Courses for students preparing for the English Composition Test begin Sept. 14 and the following weeks. For registration information, phone 222-5245.

## Continuing Education Programs

The following programs are among the upcoming non-credit courses being offered by UBC's Centre for Continuing Education. *Fitness Update*, a free non-hour series. Three Wednesdays, Sept. 25 to Oct. 9 in the Robson Square Media Centre, with Jack Taunton, Bonnie Gordon and Bonita Long. 12 noon to 1 p.m. Pre-registration not required; *Prologue to the World of Ramses II*, a film-discussion series. Seven Thursdays, Sept. 26 to Nov. 7, with Dr. Hanna Kassis. Cost is \$50 (\$45 for MOA members). Museum of Anthropology, 1—2:30 p.m.; *The Craft of Comedy Writing for TV*, an intensive creative writing workshop, with Danny Simon, writer, director, producer. Sept. 27 to 29. Cost is \$275. Robson Square Media Centre. For details, call 222-5261.

FIRST CLASS MAIL

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