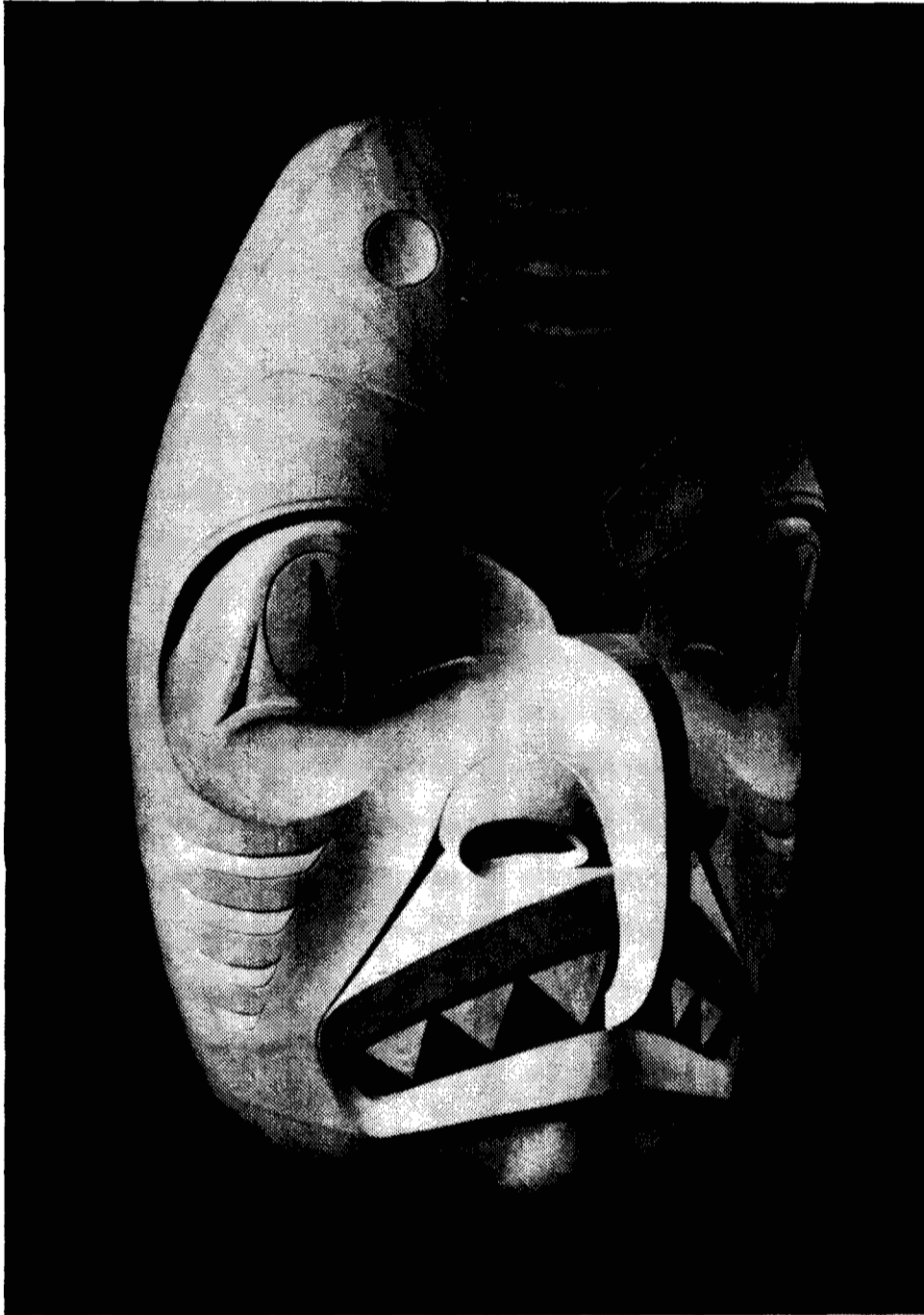


UBC REPORTS

November 12, 1981

Volume 27, Number 20



This Haida dogfish mask, created by artist Robert Davidson, is just one of the artifacts the Museum of Anthropology will be displaying in the exhibition "The Legacy: Continuing Traditions of Northwest Coast Indian Art" (Nov. 25 through Aug. '82). For details of the exhibition, see story on page 4.

T-Birds ready for big one

The UBC Thunderbirds play their most important football game of the season this Friday (Nov. 13) when they meet the University of Alberta Golden Bears at 8 p.m. at Thunderbird Stadium.

Thunderbirds, winners of seven straight league games after dropping their season opener, will advance to the Western Bowl (the Canadian intercollegiate semi-final) if they win on Friday. The Western Bowl, likely against the University of Western Ontario, would then be played at Thunderbird Stadium at 8 p.m. Nov. 20.

But right now, UBC head coach Frank Smith isn't looking past the

Golden Bears, defending national champions.

Although UBC downed Alberta twice in regular season play, both games were close.

"We know they'll be tough," Mr. Smith said on Monday, "and it isn't easy to beat a team three times in a row — as the Winnipeg Blue Bombers found out yesterday."

Coach Smith said he is hopeful that freshman running back Glen Steele will be able to play on Friday. Steele, Canada's leading university running back with just under 1,000 yards in eight league games, suffered a sprained ankle in UBC's final league game Oct. 30.

Kenny starts talks with faculties on financial crunch

UBC President Douglas T. Kenny is taking initiatives to meet the needs of the University community for information on the University's current financial difficulties.

He has:

- Begun a series of meetings with UBC's 12 faculties to discuss the current financial situation and to answer questions; and
- Ordered the preparation of a document on UBC's 1981-82 budget for wide distribution to the University community.

The meetings with faculties, some of them on a two-a-day basis, began on Monday (Nov. 9) and will continue until Nov. 23.

The president said the purpose of the meetings is to explain how the Administration is attempting to cope with the University's current financial difficulties.

President Kenny said he would respond to a motion passed Thursday (Nov. 5) at a meeting of the Faculty Association calling for a "full, and detailed public disclosure of action taken and plans to cut back on or alter the normal operation" of the University.

He said his response would address itself to the activities of the President's Advisory Committee on Fiscal Retrenchment, which was established in August following a compulsory salary arbitration award to faculty of 18 per cent.

That 12-member committee, which is chaired by UBC's vice-president, academic, and provost, Prof. Michael Shaw, has now held about a dozen meetings.

"The committee," Prof. Shaw said, "has been meeting with deans and other University officers to gather information. It has not yet formulated any proposals or arrived at any recommendations."

The committee's terms of reference are "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...."

President Kenny emphasized that the committee had a purely advisory function.

He said he planned to discuss the committee's report with the deans of the faculties and with the Senate Budget Committee, which advises the president on the preparation of UBC's annual budget, before making any

recommendations to the Board of Governors.

In addition to Prof. Shaw, members of the advisory committee on fiscal retrenchment are: Dr. J.R. Auman, Geophysics and Astronomy; Dr. D.H. Copp, Physiology; Dr. G.A. Feltham, Commerce and Business Administration; Dr. William M. Keenleyside, a member of UBC's Senate; Dr. R.W. Kennedy, Forestry; Dr. A.J. McClean, Law; Dr. V.J. Modi, Mechanical Engineering; Dr. G.G.E. Scudder, Zoology; R.A. Shearer, Economics; Dr. Olav Slaymaker, Geography; and Kenneth Young, UBC's Registrar.

In another move related to UBC's financial difficulties, the

Please turn to page 6
See FINANCIAL

In 10 years, \$194,000 is \$1.5 million

Real estate that was appraised at \$194,000 when it was left to the University 10 years ago, is being sold to the City of Vancouver for \$1.5 million.

The property consists of two lots at the southeast corner of Broadway and Cambie and was acquired by UBC under terms of the will of Dr. Alexander Stewart Monro, who died in 1932. When his wife died in 1971, the property came to the University.

The \$1.5 million will be used by UBC to establish the A.S. Monro Trust, with net income from the investment to be used for medical research at UBC. The will provides that the trust be administered by a three-member committee made up of nominees of the UBC Board of Governors, the Council of the College of Physicians and Surgeons of B.C. and the Vancouver Medical Association.

The two lots at Broadway and Cambie total 12,375 square feet, with a 99-foot frontage on Broadway and a frontage on Cambie of 125 feet. On the site are a 16-unit apartment building and a single-storey structure housing four commercial tenancies.

Net income from the property in 1980 was approximately \$30,000, considerably less than will be realised from the investment of the \$1.5 million.

GRANT DEADLINES

Faculty members wishing more information about the following research grants should consult the Research Administration Grant Deadlines circular which is available in departmental and faculty offices. If further information is required, call 228-3652 (external grants) or 228-5583 (internal grants).

The following are open grants which can be applied for at any time.

- AUCC International Development Office Institutional Cooperation Development Linkages.
- B.C. Health Care Research Foundation Emergency Fund.
- British Council Academic Links and Interchange Scheme.
- Canada Council: Aid to Artists.
- Canadian Certified General Accountants Assoc. Research Contract.
- Canadian Cystic Fibrosis Foundation Visiting Scientist Award.
- Canadian Diabetes Association (BC) B.C. Research Fund.
- Canadian Federation for the Humanities Aid to Scholarly Publications Program.
- Canadian Intl. Development Agency (CIDA) Institutional Cooperation Development Linkages.
- Center for Field Research Field Research Projects.
- Commonwealth Foundation Commonwealth Foundation Lectureships.
- Commonwealth Foundation Travel Grant.
- Crown Zellerbach Canada Foundation Grants.
- Educational Research Inst. of B.C. (ERIBC) Discretionary Grant.
- Employment and Immigration Canada New Technology Employment Program.

Up tight? Try this workshop

Anyone who has sat up until 3 a.m. finishing off tomorrow's term paper can tell you about stress. But help is on the way.

The Student Counselling and Resources Centre is presenting a two-day (3 hour) workshop on "Stress and Stress Management" today (Nov. 12) and tomorrow (Nov. 13).

A team of five specialists will cover various components of stress, including identification and assessment, nutritional concerns, physical fitness and personal coping strategies.

Taking part in the workshop will be Dr. Dorothy Goresky (Student Health Services), Acute Care Unit dieticians, Karol Travis and Ruth Johnson, Dr. Nestor Korchinsky (Physical Education and Recreation), and Prof. Ada Butler (Nursing).

Students, faculty, staff and members of the University community are invited to the workshop, which takes place from 12:30 to 2:30 p.m. today and from 12:30 to 1:30 p.m. Friday in Lecture Hall 2 of the Woodward Instructional Resources Centre.

- Energy, Mines & Resources Canada Energy Conservation R & D.
- Fitness and Amateur Sport: Sport Canada Grants — Research/Testing.
- Hannah Institute Hannah Lectures.
- Hannah Institute Publications Assistance.
- Health and Welfare Canada: Welfare National Welfare: Supplementary Publications
- Health and Welfare Canada: NHRDP Conferences, Symposia, Workshops
- Health and Welfare Canada: NHRDP Formulation of Proposals
- Heritage Canada Documentation Centre Access to DATA files.
- International Atlantic Salmon Foundation Project Grant.
- International Copper Research Assoc. Research Contract.
- International Development Research Centre Cooperative Research.
- International Union Against Cancer Research Technology Transfer Program.
- Kroc Foundation Medical Research.
- Macy, Josiah Foundation Faculty Scholar Sabbatical Awards.
- March of Dimes Birth Defects Foundation (US) Basil O'Connor Starter Research Grants.
- Matsumae International Foundation Matsumae Fellowship.
- National Cancer Institute of Canada CCS Travelling Fellowships — Blair Awards.
- National Cancer Institute of Canada Sabbatical Leave.
- National Cancer Institute of Canada Support for Scientific Meetings.
- National Defence, Canada Arctic Research Support Program.
- National Institute of Mental Health Small Grant Program.
- National Research Council of Canada Contaminants and Pollutants Research.
- NSERC: Fellowships Division Industrial Research Fellowships.
- NSERC: Fellowships Division Senior Industrial Fellowships.
- NSERC: Individual Grants Collaborative Special Projects.
- NSERC: Individual Grants New Research Ideas Grant.
- NSERC: PRAI Project Research Applicable in Industry Grant.
- Provincial Secretary & Government Services. Lottery Fund — Grants.
- Queen's University Mineral Resource Policy Research.
- Research Corporation (US) Cottrell Research Grants.
- Science Council of B.C. Industrial Post Doctoral Fellowships.
- Secretary of State: Women's Program Project Grant.
- Solicitor General Canada Research Contract.
- SSHRC: International Relations Division Travel Grants for International Representation.
- SSHRC: Research Communications Division Aid to Occasional Conferences.
- SSHRC: Strategic Grants Division Library: Fleeting Opportunities Program.
- Technicon Instruments Corporation Research Grant.
- U.S. Air Force Research Grants and Contracts.

Let's take care of one another the United Way



United Way campaign shooting for \$110,000

If you haven't already donated to the United Way this year, and would like to do so, check your campus mail this week for a pledge card.

"We're sending out a second set of pledge forms to all monthly employees at the University," said John Lomax of UBC's finance department, chairman of the United Way campaign on campus. "We sent out a first set of forms about a month ago and have received \$67,871 in donations so far. We're hoping that people who haven't donated yet will respond to the second appeal and bring total campus contributions up to our goal of \$110,000."

The campus United Way campaign is organized by a committee consisting of representatives from the Faculty Association, AUCE, CUPE, the Association of Administrative and Professional Staff and the Alma Mater Society.

The United Way appeal raises funds for 83 voluntary human care organizations. The 1981 goal set by the United Way for the Lower Mainland campaign is \$7.9 million.

Meanwhile, date of the annual United Way Shrum Bowl football game between UBC Thunderbirds and the Simon Fraser University Clansmen is still up in the air.

The Shrum Bowl was originally scheduled for Nov. 21, but that date was set when few people expected the young UBC team to be a contender in the Western Intercollegiate Football League.

However, after dropping their first start, the 'Birds won seven straight to finish first and now host the University of Alberta Golden Bears at Thunderbird Stadium Friday night (Nov. 13) in a sudden-death game for the league championship. If the Thunderbirds win, they'll be playing in the Canadian semi-final the following weekend, instead of in the

Shrum Bowl.

And should UBC make it to the College Bowl, the Canadian final, then the UBC-SFU classic would be played Dec. 5. Proceeds of the Shrum Bowl go to the United Way.

'Inside' education; public seminars focus on prisons

A series of public seminars, focusing on inservice training for educators in correctional institutions, is being sponsored by the adult education division of UBC's Faculty of Education.

The seminars run from Nov. 13 to Dec. 11, under the direction of adult education professors, William Griffith and Peter Cookson. They will take place in the large seminar room (Room 1) of the Adult Education Research Centre, 5760 Toronto Rd., from 1 to 3 p.m. Topics and dates are as follows:

- Nov. 13 — "Report of the Federal Inquiry into Education in the Penitentiary", Prof. John Dennison, Higher Education, UBC; Nov. 20 — "Practical Reasoning in Corrections Education", Prof. Ian Wright and Carol LaBar, research associate, Social and Educational Studies, UBC; Nov. 27 — "The Role of Education in Prison", Jerry Philipson, Co-ordinator of Community Services, John Howard Society of B.C.; Dec. 4 — "An Evaluative System Appropriate for Education and Training Within Canadian Penitentiaries", Prof. Todd Rogers, Educational Psychology and Special Education, UBC; Dec. 11 — "Project Report", Continuing Professional Education for Correctional Educators Project Group.

Profs get 'leachate' contract

Two UBC engineering professors have been awarded a \$140,000 federal research contract to investigate the wastewater that flows from municipal dumps.

This wastewater, commonly called "leachate", results from water percolating through the solid wastes of a landfill dump and dissolving the various constituents.

Prof. Jim Atwater and Dr. Don Mavinic, professors in the Environmental Engineering Group, Department of Civil Engineering at UBC, will undertake the study over a 15-month period, with funding from the Federal Department of Supply and Services and Environment Canada.

Under their terms of reference, they will "monitor the flow from a local landfill as well as characterize the leachate, carry out laboratory treatability studies and determine whether or not the treated effluent is nontoxic and free of residual contaminants."

Prof. Atwater said the bulk of the field work will be done at the Port Mann landfill site in Surrey. He said the site is particularly well-suited for study because the leachate runoff there is already collected and piped to the Annacis Island sewage treatment plant.

Tapping a manhole will give them the samples they need.

Although the terms "milfoil" and "acid rain" have become part of the public's environmental awareness, "leachate" has only recently been recognized as a pollutant, even though it has been in existence since man first began to litter. With this recognition by government officials, comes a concerned effort to start controlling and treating these leachates.

In many municipalities, wastewater treatment plants already exist to treat both municipal and industrial waste, and the hope is that leachates can be treated effectively within those facilities.

However, in the opinion of Professors Atwater and Mavinic, there are a number of questions that first must be answered regarding the composition of leachate before such treatment should be contemplated. For example, leachate has the potential to contain trace amounts of every product disposed of in a landfill, including "trace organic" compounds, many of which would not normally be present in domestic sewage.

In order to identify specific organic compounds and determine whether they have been removed requires the use of a sophisticated, computer-assisted instrument known as a Gas Chromatograph - Mass Spectrometer (GC/MS). The Engineering Departments of Applied Science have recently purchased such an instrument using funds provided by the B.C. Government; close to \$300,000 was spent to secure and install the new GC/MS facility which is housed in the Environmental Lab in the Civil Engineering Department. It is the presence of this instrument that was largely responsible for the research contract being awarded to Professors Atwater and Mavinic.



You don't have to just sit, staring into space, when you live in a UBC residence (see story below).

Residences offer more than a bed

UBC's student housing department is proving that residence life at a university has more to offer than just a place to live.

Close to 100 educational programs are being offered in the evening during the 1981-82 winter session in the three single student residences on campus, making UBC the leader in residence programming in Canada.

"Residence students spend up to 60 per cent of their time in their residences," said Patrick Buchanan, assistant co-ordinator of residence student affairs. "It makes sense that they be able to spend their leisure time there in educational, relaxing and productive ways."

The programs fit into four general categories, according to Mr. Buchanan. "There are practical courses, such as certified industrial first aid courses, resume writing and job interview workshops, speed reading and study skills courses, income tax seminars and information evenings on career choices and nutritional and health concerns."

In the second category are recreational programs. The residences organize film nights, hikes, dances, track meets, tennis tournaments and coffee houses. The third group consists of cultural programs, and the fourth general area involves community events such as blood donor clinics, helping with student orientations and getting involved in off-campus campaigns such as the Empty Stocking Fund in the Christmas season.

The programs are organized by 44 residence advisory staff members. "These are senior students living in

No word before January on tuition fees

Student tuition fees for 1982-83 will be considered by the UBC Board of Governors on Jan. 26, 1982.

The Board last week deferred a decision on tuition fees because of the uncertainty of the University's financial position.

Normally, the Board reviews tuition fees in October each year and adjusts them at its meeting in November.

Both the Senate Budget Committee and the President's Advisory Committee on Budget Retrenchment recommended to the Board that it postpone a decision on 1982-83 tuition fees pending clarification of UBC's financial position and completion of the work of the retrenchment committee, which is scheduled to report to President Douglas Kenny in December.

The University is also awaiting word from the Universities Council of B.C. on a request for an additional \$7.2 million from the provincial government to meet a shortfall in operating funds resulting from a compulsory salary arbitration award to faculty of 18 per cent.

residence who are hired by student housing to act as a sort of 'support group in the residences," said Mr. Buchanan. "They are required to organize at least one program per term. They get feedback from students about the kinds of programs they'd be interested in and then brainstorm to come up with ideas for courses. Some of the programs get a turn-out of about a hundred or two hundred students."

Programs usually differ in the three residences although some tri-residence evenings are organized. "Because of the difference in ages in the residences, areas of interest are not always the same," said Mr. Buchanan. "While first and second year students in Totem Park and Place Vanier are interested in study skills and essay writing workshops, senior students in Gage are more likely to be concerned with workshops on job-finding skills."

Students organizing the programs often call on campus resources such as the Student Counselling and Resources Centre, the Women Students' Office, the RCMP, the Student Health Service and International House to put on a course.

UBC faculty members also take part by giving lectures in the evenings. "Last year we had a series called the 'Last Lecture Series'," said Mr. Buchanan. "We asked professors to speak on a topic that they would choose if they could only give one last lecture. Some of the topics were... different... but interesting."

CAMPUS PEOPLE



Wallace Berry

Prof. Wallace Berry, head of the music department, has been elected President of the Society for Music Theory, an international professional and scholarly association of music theorists. He is also the recipient of the 1981-82 award of the American Society of Composers, Authors and Publishers. Prof. Berry has won this award several times in the past ten years, including 1980-81.



Two sessional lecturers in the Department of Creative Writing have recently won literary awards. Betty Keller's biography of Pauline Johnson has been named an alternative selection of the Book of the Month Club, and Audrey Thomas was awarded second prize in the memoir category of CBC's national literary competition.



Prof. David Walker of UBC's Department of Chemistry has recently returned from a lecture tour of Japan as a JSPS (Japan Society for the Promotion of Science) Fellow. Prof. Walker spoke to audiences in Japan about his research work on muons at TRIUMF.

Emeritus status conferred on 26

At its Oct. 14 meeting, the UBC Senate conferred emeritus status on the following people:

Edith Allen, Assistant Registrar Emerita; Dr. C.T. Beer, Professor Emeritus of Biochemistry; Dr. R.V. Best, Associate Professor Emeritus of Geological Sciences; Dr. E.A. Bird, Associate Professor Emeritus of French; Dr. D.H. Copp, Professor Emeritus of Physiology; Dr. G.H. Durrant, Professor Emeritus of English; Dr. P. Ford, Associate Professor Emeritus of Zoology; Prof. W. Gerson, Professor Emeritus of Architecture; Barbara Gibson, Librarian Emerita; Walter Harrington, Librarian Emeritus; Dr. J.G. Hooley, Professor Emeritus of Chemistry; Prof. H.V. Livermore, Professor Emeritus of Hispanic and Italian Studies; A.F. Livesey, Senior

Instructor Emerita of English; Dr. K.C. Mann, Professor Emeritus of Physics; Dr. Welton Marquis, Professor Emeritus of Music; Dr. Ruth McConnell, Professor Emerita of Education; T.B. McDonough, Assistant Professor Emerita of Education; Dr. J.R. MacKay, Professor Emeritus of Geography; J.D. McWhannel, Assistant Professor Emeritus of Education; Dr. S.W. Nash, Professor Emeritus of Mathematics; Dr. J.W. Neill, Professor Emeritus of Plant Science; Dr. F.P. Patterson, Professor Emeritus of Surgery; Dr. W.E. Schwahn, Associate Professor Emeritus of Education; N.R. Sinclair, Associate Professor Emerita of Education; Prof. R. Stokes, Professor Emeritus of Librarianship; Prof. G.T. Stubbs, Associate Professor Emeritus of Education.

Old and new in 'Legacy' spotlight

More than 100 of the finest Northwest Coast Indian masks and headdresses, engraved silver and gold boxes, painted screens and other art works are featured in the exhibition *The Legacy: Continuing Traditions of Canadian Northwest Coast Indian Art*, on display at the UBC Museum of Anthropology from Nov. 25 through August 31, 1982.

The *Legacy* is one of the most comprehensive exhibitions of Northwest Coast Indian Art in British Columbia to focus on Northwest Coast contemporary art and the traditional background which shaped this art. Traditional and contemporary works from all eight major coast tribal groups — Haida, Tlingit, Tsimshian, Northern and Southern Kwakiutl, Bella Coola, Westcoast and Coast Salish are represented. These works are displayed and contrasted to show the evolution of styles and traditions.

The show celebrates the renewed vigor of Northwest Coast Indian art in the last twenty years by presenting a large group of specially commissioned contemporary pieces. Drawing upon the bold color, elegant form and

dynamic expression of the rich cultural heritage, each artist re-interprets the myths and symbols of the Northwest Coast legacy.

Included in the show are "traditional" pieces — objects produced before the time of European contact in the late eighteenth century for use by the Indian peoples themselves. Also on display are works made for sale to the European and North American collector and curio markets. The production of curio arts, initially an incidental activity for most professional artists, became an important source of income as economic and social conditions changed. Therefore, these transitional works often served as the link between the traditional art of the past and the contemporary artist.

The *Legacy* was the first large-scale exhibition of the Northwest Coast Indian art to be organized in British Columbia for display overseas. Originally produced by the B.C. Provincial Museum from works in the Provincial Museum's own collections, the exhibition participated in the 1980 Edinburgh Festival, and was also

shown in Yorkshire. The UBC Museum of Anthropology showing is the first stop in North America for the exhibition.

The *Legacy* exhibition is made possible by the special assistance of the B.C. Provincial Museum, which received funding from the British Columbia Ministry of the Provincial Secretary and Government Services. Museum of Anthropology programs are also produced with the assistance of Members and Friends of the Museum, the Museum Assistance Programs of the National Museums of Canada, and the British Columbia Lottery Fund.

Accompanying the exhibition is an award-winning, richly illustrated catalogue containing excellent color reproductions and informative essays on the art and artists.

UBC Museum of Anthropology hours are noon to 5 p.m., Wednesday through Sunday, and noon to 7 p.m. Tuesday. The Museum is closed on Monday. Admission is \$1.50 general, \$1 students, \$.75 senior citizens and children 6-12. On Tuesday admission is free.

It's been a great year for Conference Centre

The UBC Conference Centre is having a good year — so good, in fact that the operating surplus at the end

Work starts on Bookstore

Interland Contractors Ltd. of North Vancouver has been awarded a \$6.5 million contract for construction of a new Bookstore at the corner of University Boulevard and East Mall.

Approximately \$1 million of the cost is covered by accumulated profits of the Bookstore. The University has been authorized to borrow the balance, with the loan to be repaid from future Bookstore operating surpluses over a period of 10 to 15 years.

Bookstore merchandise manager Don Donovan has assured students that there will be no UBC-imposed increases in the price of textbooks as a result of the construction program.

of next March is now expected to be \$360,000, some \$58,000 more than budgeted.

A report to the Board of Governors from Michael Davis, Director Student Housing and Conferences, said bednight occupancy was 18 per cent better than had been anticipated.

The expected surplus of \$360,000 is an increase of almost \$83,000 over the 1980-81 surplus.

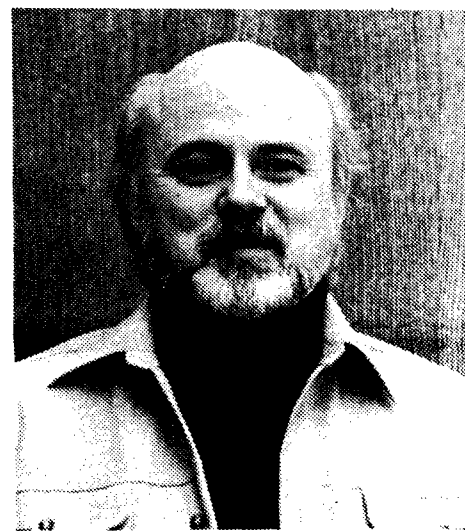
Mr. Davis said the money would be used for renovations in student residences.

Meanwhile, the conference centre expects 1982 and 1983 to be even better, with some of the most prestigious organizations in Canada using the UBC facilities. More than 250 conferences have been booked for each season.

Some of the major ones booked for 1982, with the number of delegates expected: Vancouver School Board (1000), Agricultural Institutes of Canada (1200), 10th International Symposium on Fluorine Chemistry (700), Christian and Missionary Alliance (900), American Society of Photobiology (500).

Conferences already booked for 1983 include: Association for Children with Learning Disabilities (1000), Learned Societies (2000), World Council of Churches (3000), Society of Neurochemistry (1500), International Social Studies Education (700).

The UBC Conference Centre operates the Gage, Vanier and Totem residences each year from the beginning of May until the end of August.



James Fankhauser

'Impeccable' says judge of choir

The 50-voice Vancouver Cantata Singers, conducted by Prof. James Fankhauser of the UBC music department, furthered their international reputation recently by winning the prestigious BBC international choral competition "Let the People Sing" in the mixed voice class.

To the judges the Vancouver group gave an "outstanding performance" with "remarkable dynamic and tonal variety" showing "deep understanding of textural and structural problems." One judge simply called the performance "impeccable".

There were 37 choirs in the mixed voice category, all pre-selected from national competitions.

Since 1973 when Prof. Fankhauser was appointed conductor and music director, the repertoire and scope of the Cantata Singers have continued to expand.

They open their 1981-82 season at the Orpheum Theatre Nov. 27 with what is described as "a delectable potpourri of everything that is best about Vienna: music for every palate".

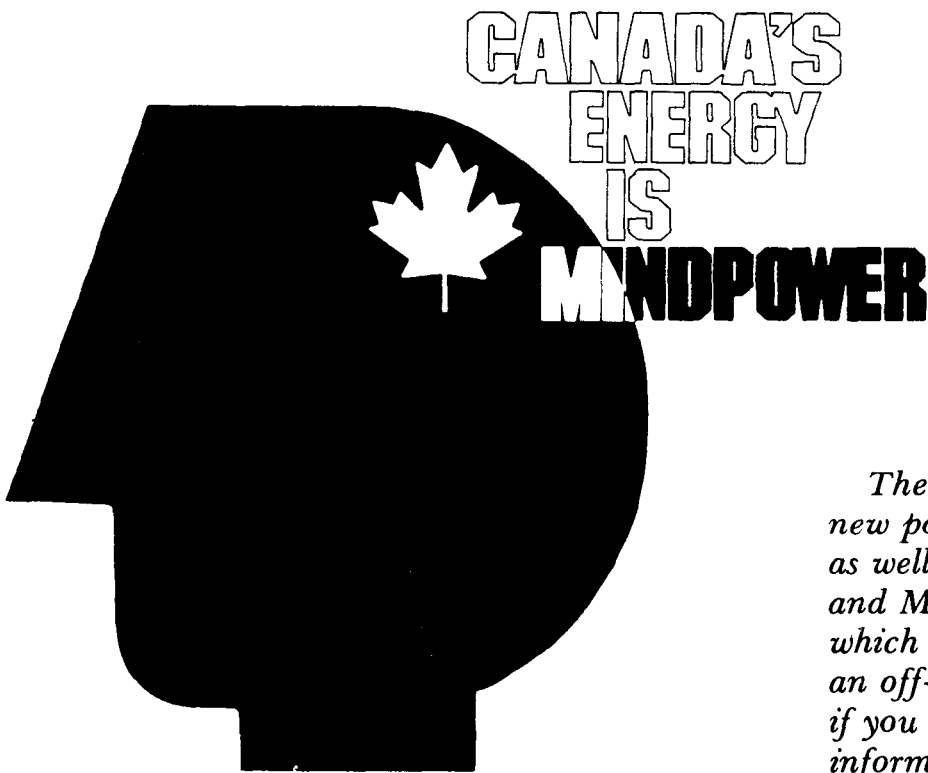
CANADA'S ENERGY IS MINDPOWER

It's vital to the future of our country.

From coast to coast, we can keep this country going and growing.
If we put our minds to it.

Support our universities and colleges!

Make higher education your priority.



If you're planning a publication or an off-campus event that will reach the general public, why not consider including some of the graphic material that goes with the current Canadian Mindpower Campaign.

UBC is one of about 30 Canadian universities involved in the campaign, which is designed to sensitize the public to the nature and value of higher education and to develop alternative sources of funding for the University.

Co-ordination of the campaign is being carried out through the Department of Information Services. UBC information officer Jim Banham will be pleased to discuss ways in which the graphic materials can add to your publication or display. Call him at 228-2130.

The University also has a new portable panel system, as well as permanent UBC and Mindpower graphics, which can be used as part of an off-campus display. Call if you want additional information.

CANADA'S ENERGY IS MINDPOWER



support our colleges and universities



CANADA'S ENERGY IS MINDPOWER

Support Canada's greatest natural resource by supporting our universities and colleges!

UBC engineering profs work with Peruvians

UBC's Faculty of Applied Science is collaborating with the University of Piura in northern Peru on a project designed to enhance the expertise of engineering professors and students at the University of Piura, and local practicing engineers in the area of materials of construction.

"The development of northern Peru is heavily dependent on the construction of roads, bridges, irrigation dams, factories and houses," said UBC's associate dean of Applied Science, Prof. Axel Meisen. "Extensive use should be made of locally available construction materials, but two problems exist: most of the

professionals in this area are not well-versed in the science and technology of construction materials, and facilities for evaluating and testing the materials do not exist in northern Peru."

The project, which is funded by the Canadian International Development Agency, begins in January, 1982. Prof. Sidney Mindess, who is on leave of absence from the University this year, will teach a three-week condensed course on materials of construction to engineering professors at the University of Piura. Local engineers chosen by the university in Peru will also attend the course.

Later in the spring, a professor from the University of Piura will come to UBC to attend civil and metallurgical engineering courses concerned with materials of construction, and to collaborate with ongoing research at UBC.

"The professor will be in Canada approximately a year or 18 months, said Prof. Meisen. "While he is here, UBC engineering professors will assist in the selection of testing equipment for construction materials which will be purchased in Canada and sent to Peru, where a testing laboratory is being set up."

In July, Prof. Mindess, or an other

UBC professor, will return to Peru and teach a second course, this time to senior engineering students at the university.

Prof. Meisen is optimistic about the results of the collaboration. "In the long term, I think the entire region of northern Peru, which has a population of about five million, will benefit from the project, since the project promotes accelerated regional development. UBC professors will benefit by acquiring experience in technical problems, which they can use in their teaching and research here at UBC."



Joanna Staniszkis award-winning tapestry artist

She's the best in Canada

Prof. Joanna Staniszkis of UBC's School of Home Economics has been awarded the 1981 Saidye Bronfman Award for Excellence in the Crafts.

The award is made annually by the Canadian Crafts Council and carries a prize of \$16,000.

Prof. Staniszkis, a weaver of tapestries that have been exhibited throughout Canada, Europe and the United States, teaches design fundamentals, including textile design and interior design.

She attended the School of The Chicago Art Institute, worked as an interior design consultant and made several trips to South America to study pre-Columbian textiles before joining UBC in 1969.

In announcing its decision, the jury said they recognized the strength, the visual impact and the excellent execution of Prof. Staniszkis' tapestries.

This year's Bronfman jury included a previous Bronfman winner, Monique

Cliche-Spenard, quiltmaker; Charley Farrero, potter and CCC's President Toni Cavelti, goldsmith and silversmith; Raymond Phaneuf, potter, CCC Director for Quebec, and President of Corporation du Salon des Metiers d'Art du Quebec; Marc Pitre, Director of the Art Gallery of the University of Moncton, New Brunswick.

The Bronfman Award was created in 1977 by the four Bronfman children to honor their mother, Mrs. Samuel Bronfman of Montreal, on her 80th birthday.

The previous winners, aside from Monique Cliche-Spenard (who won in 1979) have been ceramist Robin Hopper of Victoria, goldsmith and silversmith Lois Etherington Betteridge of Mont St-Hilaire, Quebec, and ceramist Louise Doucet-Saito of Ayer's Cliff, Quebec.

Speakers Bureau fills 460 requests

The UBC Speakers Bureau has had another successful year, according to the bureau's 1980-81 annual report

Changes at TRIUMF get BoG support

UBC's Board of Governors has approved two developments affecting TRIUMF, the cyclotron project on the University's south campus. Although located at UBC, TRIUMF is operated jointly by UBC, the University of Alberta, Simon Fraser University and the University of Victoria.

The Board approved a joint venture agreement already approved by the boards of the other participating universities. It sets out legal responsibilities and liabilities in the event of some unfortunate circumstance in the future.

The second Board decision was to approve amendments to the agreement under which TRIUMF will produce isotopes for medical diagnosis.

About 25 per cent of all hospital patients receive isotopes as part of their treatment. Canada currently provides approximately 60 per cent of the world market for medical isotopes. A major advantage of isotopes to be produced at TRIUMF is that they provide the same diagnostic information while exposing patients to much less radiation than conventional isotopes.

TRIUMF agreed three years ago to produce isotopes for the medical market and entered into agreements with UBC, B.C. Development Corp. and Atomic Energy of Canada Ltd.

The agreements were based on the assumption that the isotopes could be produced for a capital investment of \$3.5 million. But about a year after the original agreements were signed, interest rates increased dramatically and the value of the Canadian dollar dropped compared with currency in the U.S. where most of the equipment would come from. The original estimate of \$3.5 million rose to \$7 million.

Forestry seminars linked to research

The Faculty of Forestry has initiated a seminar series to transmit the results of forestry research to the professional forestry community of the Vancouver area and to the campus academic community.

The talks are held each Tuesday at 12:30 p.m. in MacMillan 166 and visitors are welcome.

Prof. Gordon Weetman gave the first seminar, this week, on forest fertilization research in British Columbia.

Succeeding Tuesdays will feature talks on ecosystem modelling, bears, the forestry-agriculture land use conflict, the potential of forest biomass as a chemical raw material, and the effects of clearcutting and slashburning on ecosystem nutrient budgets.

Speakers and titles will be listed in the Calendar section of UBC Reports.

published by the Alumni Association.

"During 1980-81, 476 UBC faculty and staff members volunteered their time and expertise to the Speakers Bureau and 460 speaking engagements were arranged," said Prof. Oscar Sziklai, chairman of the Speakers Bureau Committee. "We estimate that approximately 29,000 people have been reached through the program."

Topics available through the bureau range from world affairs, business management, geology and computers to literature, communication and medicine.

"Topics often requested by groups are those concerning health and nutrition, travel, energy issues, economy-related subjects, women's studies, stress and anxiety, forestry and other natural resources and topics dealing with children or senior citizens," said Prof. Sziklai.

Speakers registered with the bureau carry out the engagements free of charge, with the group or organization paying only the speaker's travelling expenses.

"This year we've received a \$1,500 grant from the Walter Koerner Foundation which has enabled us to pay for travel expenses outside the Lower Mainland," said Prof. Sziklai. "Before, we were unable to service outlying districts because of financial reasons, but with the grant we can reach people further away from the Vancouver area."

If you'd like to arrange for a speaker, contact the UBC Speakers Bureau, c/o UBC Alumni Association, 6251 Cecil Green Park Rd., Vancouver, B.C., V6T 1X8. Telephone — 228-3313.

Requests should be submitted at least two or three weeks in advance of the event.

Financial

continued from page 1

Administration has agreed to resume meetings with the Faculty Association for collective bargaining on Section 12 of the Conditions of Employment for faculty contained in the *Faculty Handbook*.

The section, headed "Financial Exigency and Redundancy," contains two clauses as follows:

"12.01 Financial Exigency. Provided that an Agreement on the Framework for Collective Bargaining is in force, the criteria and procedures for any alterations in the conditions of appointment of any faculty member because of financial exigency in the University will be negotiated by collective bargaining between the Parties in accordance with the provisions of that agreement.

"12.02 Redundancy. Provided that an Agreement on the Framework for Collective Bargaining is in force, the criteria and procedures for any alteration in the conditions of employment of any faculty member because of redundancy in a Department, School, or Faculty will be negotiated by collective bargaining between the Parties in accordance with the provisions of that agreement."

UBC CALENDAR

UBC Calendar Deadlines

For events in the weeks of Nov. 29 and Dec. 6, material must be submitted not later than 4 p.m. on Nov. 19. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.



Saturday, Nov. 14
Industrial Relations: Mandate for Canada. Prof. John Crispo, University of Toronto.

Saturday, Nov. 21
Canadian-American Relations - Under the Reagan Administration. Prof. Charles Doran, Centre for Canadian Studies, John Hopkins University.

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

MONDAY, NOV. 16

Cancer Research Seminar.

Bone Marrow Transplantation. Dr. Dean Buckner, Medical Oncology, Fred Hutchinson Cancer Research Center, Seattle, Wash. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Science and Ethics Discussion Group.

Report on the Conference of Faith, Science and the Future at MIT, July, 1979. Room 304, Hennings Building. 12:30 p.m.

Applied Mathematics Seminar.

Boundary Layer Phenomena in Elastic Membranes. Prof. Hubertus J. Weinitschke, Mathematics, UBC. Room 232, Mathematics Building. 2:30 p.m.

Linguistics Workshop.

A Partial Grammar of the Japanese Verb *omou* (think). T. Fujimura, Asian Studies, UBC. Room 365, Buchanan Building. 2:30 p.m.

Mechanical Engineering Seminar.

Energy Analysis of Gas Fired Residential Heating System with Hybrid Heat Pump through Computer Simulation. C. Choi. Civil and Mechanical Engineering Building. 3:30 p.m.

Biochemistry Seminar.

Serine tRNA's and Their Genes in *Drosophila*. David Cribbs. Lecture Hall 4, Woodward Instructional Resources Centre. 4:30 p.m.

TUESDAY, NOV. 17

Hillel House Lecture.

Abortion as a Social and Political Issue. Helen Pinsky, lawyer. Hillel House. 12:30 p.m.

Asian Centre Lecture.

Buddhism and Social Change in Southeast Asia. Sulak Sivaraksa, writer, publisher and coordinator of the Asian Cultural Forum on Development in Thailand. Asian Centre. 12:30 p.m.

Human Settlements and Housing Video.

Noon-hour video program on the housing crisis. Room 308, Library Processing Centre. 12:30 p.m.

Forestry Seminar.

The FORCYTE Saga: The Life and Times of an Ecologically-Based Intensive Management Simulation Model. Dr. Hamish Kimmins, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Poetry Reading.

Poetry reading by Rona Murray. Penthouse, Buchanan Building. 12:30 p.m.

Botany Seminar.

The Ecology of Soil Fungi. Dr. D. Parkinson, University of Calgary. Room 3219, Biological Sciences Building. 12:30 p.m.

Oceanography Seminar.

Geochemical Studies of Sediment from the English Lakes. John Hamilton-Taylor, visiting scientist from the University of Lancaster. Room 1465, Biological Sciences Building. 3:30 p.m.

Biophysics Seminar.

Membrane Biophysics: Ion Transport and Electrical Phenomena in Membranes. Dr. M.R. Menard, Anatomy, UBC. Room 318, Hennings Building. 4 p.m.

Chemistry Seminar.

Chromium Carbonyl Complexes of Dihydropyridines - Synthons for Synthesis and Biosynthesis. Room 126, Chemistry Building. 4:30 p.m.

Museum Lecture.

Archeologist George MacDonald will present a slide talk on "Northwest Coast Indian Art: The Renaissance Period" in conjunction with *The Legacy: Continuing Traditions of Canadian Northwest Coast Indian Art* exhibit. Admission is \$1.50; \$1 for museum members. Tickets available at the door. Theatre Gallery, Museum of Anthropology. 7:30 p.m.

WEDNESDAY, NOV. 18

Pharmacology Seminar.

Effects of Membrane Deformability and Stress on Aggregation and Fusion Processes. Dr. Evan Evans, Pathology, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Wednesday Noon-Hour Concert.

Music of Reicha, Schafer, Chatman and Arnold. Camerata d'Amici. Recital Hall, Music Building. 12:30 p.m.

Hillel House Lecture.

Careers in the Jewish Community. Bob Wexler, University of Judaism, Los Angeles. For further information, call 224-4748. Hillel House. 12:30 p.m.

World University Services Film.

A Trade Union of the Third World. Room 205, Buchanan Building. 12:30 p.m.

Women's Studies Lecture.

Women in India. Dr. Brenda Beck, Anthropology and Sociology, UBC. Room 203, Buchanan Building. 12:30 p.m.

Statistics Workshop.

T.B.A. Dr. John Crowley, Biostatistics, University of Washington. Room 214, Geography Building. 3:30 p.m.

Comparative Literature Colloquium.

Problems with the Interpretation of Psychological Terms in Early Greek Literature. Shirley Sullivan, Classical Studies, UBC. Penthouse, Buchanan Building. 4:30 p.m.

Zoology Seminar.

Ecological and Evolutionary Interactions in a Simple Tropical Food Web. Dr. Larry Gilbert, Zoology, University of Texas, Austin. Room 2000, Biological Sciences Building. 4:30 p.m.

Vancouver Semiotics Lecture.

Ambiguity in Literary Texts: The Example of Henry James' "The Turn of the Screw." Hilary Clark, Comparative Literature, UBC. Penthouse, Buchanan Building. 8 p.m.

THURSDAY, NOV. 19

Urban Land Economics Workshop.

Canada/U.S. Urban Comparisons. Prof. Michael Goldberg, Urban Land Economics Division, UBC. Penthouse, Angus Building. 10 a.m.

Stage Band.

David Robbins, director. Old Auditorium. 12:30 p.m.

Hillel House Lecture.

Rabbi Yosil Rosenzweig, singer and songwriter will discuss his work in Israel. Hillel House. 12:30 p.m.

Academic Women's Association.

Organizations and What They Do For Women. Helga Jacobson (CRIAOW) and Elizabeth Black (CAUT). Brown bag lunch. Penthouse, Buchanan Building. 12:30 p.m.

Anthropology and Sociology Colloquium.

Cosmology and Ritual of the SM BK People. Kuniko Miyanaga, Anthropology and Sociology, UBC. Rooms 207-209, Anthropology and Sociology Building. 12:30 p.m.

Women in Law.

A panel discussion with Loryl Russell, Alison MacLennan, Anne Stewart and Marion Allan. For more information, call 228-2415. Room 157, Law Building. 12:30 p.m.

Faculty Association General Meeting.

Room 100, Mathematics Building. 1 p.m.

Condensed Matter Seminar.

Photographing Quantized Vortices in Superfluid ⁴He: Quantum Mechanics You Can See. Richard Packard, University of California, Berkeley. Room 318, Hennings Building. 2:30 p.m.

Physics Colloquium.

Quantum Mechanics With Almost Periodic Potentials. Prof. Barry Simon, Mathematics and Physics, California Institute of Technology. Room 201, Hennings Building. 4 p.m.

SUB Films.

The Elephant Man. Continues on Friday, Nov. 20 and Saturday, Nov. 21 at 7 and 9:30 p.m. and on Sunday at 7 p.m. Auditorium, Student Union Building. 7 p.m.

FRIDAY, NOV. 20

Leon and Thea Koerner Lecture.

Bringing the Past to Life. Prof. Stanley Kahrl, Ohio State University. This is the opening lecture of the 2-day 12th Medieval Workshop, devoted to Medieval drama. For more information, call Derek Carr, 228-4054. Room 106, Buchanan Building. 12:30 p.m.

Medical Genetics Seminar.

Sib Risks for Non-Specific Mental Retardation. Dr. D. Herbst. Fourth Floor Conference Room, Health Centre for Children, VGH. 1 p.m.

Linguistics Colloquium.

A Computational Linguist's View of Transformational Grammars. Sunny Baker, Linguistics, UBC. Room 2230, Buchanan Building. 3:30 p.m.

Humanities and Science Lecture.

Clinical Philosophy: A New Image of the Person. Prof. Peter Koestenbaum, Philosophy, San Jose State University. Admission is \$4.40; \$3.30 for students. Free admission for registrants attending the Saturday program. Lecture Hall 2, Woodward Instructional Resources Centre. 8 p.m.

Basketball.

UBC vs. the University of Calgary. War Memorial Gymnasium. 8:30 p.m.

SATURDAY, NOV. 21

Humanities and Science Lecture/Discussion.

A Day with Peter Koestenbaum on Clinical Philosophy. Fee is \$33; \$27.50 for students. For more information, call 228-2181, local 261. Lecture Hall 6, Woodward Instructional Resources Centre. 10 a.m. to 4 p.m.

Hockey.

UBC vs. the University of Saskatchewan. Thunderbird Winter Sports Centre. 8 p.m.

Basketball.

UBC vs. the University of Calgary. War Memorial Gymnasium. 8:30 p.m.

SUNDAY, NOV. 22

Hockey.

UBC vs. the University of Saskatchewan. Thunderbird Winter Sports Centre. 2 p.m.

Early Music Recital.

Music of the 12th and 13th Centuries performed by Sequentia. For more information, call 732-1610. Recital Hall, Music Building. 8:30 p.m.

MONDAY, NOV. 23

Cancer Research Seminar.

Plasminogen Activator in Human Mammary Carcinoma. Dr. D.J. Sutherland, Medical Oncology, Sunnybrook Medical Centre, Toronto. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Lectures Committee Philosophy Lecture.

One Person, Many Tongues. Prof. Ian Hacking, Philosophy, Stanford University, California. Room 177, Law Building. 12:30 p.m.

Science and Ethics Discussion Group.

The Repercussions of Research in Genetic Engineering and its Application. Room 304, Hennings Building. 12:30 p.m.

Linguistics Workshop.

Linguistic and Logical Factors in the Interpretation of Syllogisms. John Taylor, Education, UBC. Room 365, Buchanan Building. 2:30 p.m.

Applied Mathematics and Statistics Seminar.

Statistics in Literature. Prof. Joe Gani, Statistics, University of Kentucky. Room 104, Mathematics Building. 3:45 p.m.

Biochemistry Seminar.

Valine tRNA's and Their Genes in *Drosophila*. Bill Addison. Lecture Hall 4, Woodward Instructional Resources Centre. 4:30 p.m.

Zoology Physiology Group Seminar.

Locomotion and Exercise Hypernea: Parallel Activation from the Hypothalamus. Dr. F.L. Eldridge, Physiology, University of North Carolina. Room 2449, Biological Sciences Building. 4:30 p.m.

Continued on page 8



"Perspectives on Landscape", an exhibition of photographs and poems inspired by landscapes in Britain is on display until Dec. 18 in the Fine Arts Gallery. The gallery is located in the basement of the Main Library.

UBC CALENDAR

continued from page 7

TUESDAY, NOV. 24.

Asian Centre Film.

Voices of Hunger. Asian Centre. 12:30 p.m.

Human Settlements and Squatters Video.

Noon-hour video program on a huge squatter settlement in Manila. Room 308, Library Processing Centre. 12:30 p.m.

Botany Seminar.

The Genetics of Mitochondria. Dr. H. Bertrand, University of Regina. Room 3219, Biological Sciences Building. 12:30 p.m.

Forestry Seminar.

Life in the Slow Lane — More Than You Ever Wanted to Know About Bears. Dr. Fred Bunnell, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Oceanography Seminar.

Drainage Flows on the Arctic Continental Shelves and Their Effects on the Arctic Ocean Pycnocline. Humphrey Melling, Institute of Ocean Sciences, Patricia Bay, B.C. Room 1465, Biological Sciences Building. 3:30 p.m.

English Colloquium.

The Galiano Island Players present W.B. Yeats' *The Only Jealousy of Emer.* Penthouse, Buchanan Building. 3:45 p.m.

Chemistry Seminar.

Natural Product Synthesis via Sigmatropic Rearrangements. Dr. Stan Raucher, Chemistry, University of Washington, Seattle. Room 126, Chemistry Building. 4:30 p.m.

WEDNESDAY, NOV. 25

Pharmacology Seminar.

Cellular Mechanisms and Control of Potassium Chloride Reabsorption in an Insect Excretory System. Dr. John Phillips and John Hanrahan, Zoology, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Wednesday Noon-Hour Concert.

Music of Schubert, Paganini, Prokofieff. John Loban, violin and Frances Adaskin, piano. Recital Hall, Music Building. 12:30 p.m.

Germanic Studies Play.

Puppet Play in German Language: *Der Gestiefelte Kater.* Produced by Dirk's Marionettes. International House. 12:30 p.m.

Statistics Workshop.

Dynamic Multi-objective Decision-Making (With A Water Resources Example). Dr. Lucien Duckstein, Systems and Industrial Engineering, University of Arizona. Room 214, Geography Building. 3:30 p.m.

Chemical Engineering Seminar.

Computer Design of Gas Absorption Towers. L. Lee. Room 206, Chemical Engineering Building. 3:30 p.m.

Biophysics Seminar.

Physical and Chemical Studies on Actin and the Actin-DNase I Complex. Dr. L. Burtnick, Chemistry, UBC. Room 201, Hennings Building. 4 p.m.

Animal Resource Ecology Seminar.

Behaviour and Environment: More About Aggressive Slugs. Dr. Ilan Vertinsky, IARE, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, NOV. 26

Urban Land Economics Workshop.

Impact of the ARP and MURB Programs on the Vancouver Housing Market. Prof. George Gau, Urban Land Economics Division, UBC. Penthouse, Angus Building. 10 a.m.

UBC Contemporary Players.

Music of Dallapiccola, Ives, Ichianago and Freedman. Co-directed by Stephen Chatman and Eugene Wilson. Recital Hall, Music Building. 12:30 p.m.

Single Mothers Workshop.

A workshop, sponsored by the Women Students' Office, designed to eliminate "the Christmas blabs" for single mothers living in non-traditional family arrangements. For more information, call 228-4172. Room 223, Brock Hall. 12:30 p.m.

Anthropology and Sociology Colloquium.

Some Reflections on the Concept of Ethnicity. Tissa Fernando, Anthropology and Sociology, UBC and Ulrike Rademacher, Anthropologist, West Germany. Rooms 207/209, Anthropology and Sociology Building. 12:30 p.m.

Condensed Matter Seminar.

Lattice Dynamics and Structural Properties of MoO₃. Marcel Py. Room 318, Hennings Building. 2:30 p.m.

Physics Colloquium.

Aurora Borealis. Prof. Gordon Rostoker, Physics, University of Alberta. Room 201, Hennings Building. 4 p.m.

Sigma Xi Club Meeting.

The Relationship Between Science and Engineering Research. Dean L.M. Wedepohl, Applied Science, UBC. Hebb Theatre. 4:30 p.m.

SUB Films.

Watership Down. Continues on Friday, Nov. 27 and Saturday, Nov. 28 at 7 and 9:30 p.m. and on Sunday, Nov. 28 at 7 p.m. Auditorium, Student Union Building. 7 p.m.

UBC Collegium Musicum

Music of 15th-17th Centuries. Co-directed by John Chappell, Paul Douglas and John Sawyer. Recital Hall, Music Building. 8 p.m.

FRIDAY, NOV. 27

Asian Centre Workshop.

The Asian Centre presents a workshop on Japanese Studies for the Eighties. For more information, call 228-4686 or 228-4688. Asian Centre. 10 a.m. to 5 p.m.

UBC Collegium Musicum.

Music of 15th-17th Centuries. Co-directed by John Chappell, Paul Douglas and John Sawyer. Recital Hall, Music Building. 12:30 p.m.

Linguistics Colloquium.

On The Applicability of Transformational Generative Grammar. Dr. Fritz Newmeyer, Linguistics, University of Washington. Room 2230, Buchanan Building. 3:30 p.m.

UBC Public Affairs.

Reviewing the Constitutional Agreement. Dr. David Elkins, Political Science, UBC with host Gerald Savory, Centre for Continuing Education, UBC. Program will be repeated on Friday, Dec. 4 at 7:30 p.m. Channel 10, Vancouver Cablevision. 7:30 p.m.

An Evening of Opera.

Music of Mozart and Rossini. Directed by French Tickner. Old Auditorium. 8 p.m.

SATURDAY, NOV. 28

An Evening of Opera.

Music of Mozart and Rossini. Directed by French Tickner. Old Auditorium. 8 p.m.

Notices . . .

Museum of Anthropology

Exhibitions: The Legacy: Continuing Traditions of Canadian Northwest Coast Indian Art, Nov. 25, 1981 to Aug. 31, 1982; West Coast Graphics: Images of Change and Kwagiutl Graphics: Tradition in a New Medium, through until Dec. 31.
Guided Gallery Walks: gallery guides will introduce museum galleries to visitors. 2:30 p.m. on Thursdays.
Free Identification and Conservation Clinic: Nov. 24 from 7 to 8:30 p.m.
Snake in the Grass Moving Theatre: Clowns Garbanzo and Koko perform Sundays at 2 p.m. until Dec. 6.
Museum hours are noon to 9 p.m. on Tuesdays, noon to 5 p.m. Wednesdays through Sundays, and the museum is closed Mondays.
For information on museum activities, please call 228-5087.

Asian Centre Exhibit

An exhibition of Asian kites will be on display at the Asian Centre from Nov. 16 to 30.

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.

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.

Nitobe Garden Hours

From Nov. 9 to Feb. 28 the garden will be open from 10 a.m. to 3 p.m. on weekdays and will be closed weekends.

Today's Theatre

Today's Theatre offers Dance-Drama workshops on Saturday mornings from 10 to 11:30 a.m. for children and adults. Call 228-9803 for more information.

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 the Office of Co-operative Education and Internship Programs, Room 213 of Brock Hall, or call 228-3022.

Functional Fitness Appraisal

The John M. Buchanan Fitness and Research Centre is administering a physical assessment program available to students, faculty, staff and the public. \$20 for students; \$25 for others. For more information, call 228-3996 or contact Recreation UBC, Room 203, War Memorial Gymnasium.

Frederic Wood Theatre

The Frederic Wood Theatre presents *The Italian Straw Hat* by Eugene Labiche Wednesday, Nov. 11 through Saturday, Nov. 21 (except Sunday). Admission is \$6; \$4 for students. For ticket reservations, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre Building.

Host Families Needed

Family environments wanted for foreign students learning English at UBC. Paid room and board. If you can help, please call Linda at 228-2181, local 266.



100.1 on cable fm

Thursday, Nov. 12

3 p.m. *Cross Currents.* The social implications of genetic research.
5 p.m. *Thunderbird Sports Report.* A look at intercollegiate and intramural sport at UBC.

Friday, Nov. 13

3 p.m. *Dateline International.* Julie Schmidt looks at the World Business Conference held in Vancouver.
7:30 p.m. *Thunderbird Football.* The WIFL championship. University of Alberta vs. UBC. Joe March does the play by play. Phil Keeber and Ron Burke add the color.

Saturday, Nov. 14

3 p.m. *Behind Four Walls.* Daryl Zacharko looks at rental agencies in the Lower Mainland.
4:30 p.m. *Making Waves.* Joe March takes a look at the latest legislation banning leg hold traps.

Sunday, Nov. 15

4:30 p.m. *Laughing Matters.*

Monday, Nov. 16

3 p.m. *Melting Pot.* Harry Hertscheg interviews Dr. Betsy Johnson about UBC's Museum of Anthropology.
4:30 p.m. *Making Waves.* Don Plant looks into the future of NASA.
7 p.m. *Off Beat.* A comic roundup of the week's off-beat news.

Tuesday, Nov. 17

3 p.m. *Gay Issues.* Produced by the Gay People of UBC.
5 p.m. *Thunderbird Sports Report.* Brenda Hughes highlights the CIAU National Field Hockey Championships, among other sports action at UBC.

9 p.m. *Airstage.* Drama for the radio, especially written for CITR; this week's play was written by UBC creative writing student David Corcoran and produced by Joe March and the CITR players. Featured is "Obscene."

Wednesday, Nov. 18

3 p.m. *Still Ain't Satisfied.* Women in contemporary society.

Thursday, Nov. 19

3 p.m. *Cross Currents.* A look at environmental and consumer issues.
5 p.m. *Thunderbird Sports Report.* Phil Keeber highlights the WIFL Final between UBC and the University of Alberta among other sporting action at UBC.

Friday, Nov. 20

3 p.m. *Dateline International.* North-South dialogue with the International Youth Assembly. Emphasis is on the Cancun Conference.

Saturday, Nov. 21

2 p.m. *Thunderbird Football.* Play-by-play coverage if UBC wins the WIFL Final on Nov. 13.
3 p.m. *Behind Four Walls.* Fraternity houses as a housing alternative. Jane Kokan reporting.
4:30 p.m. *Making Waves.* Joe March looks into funding problems at the university.

Sunday, Nov. 22

4:30 p.m. *Laughing Matters.* Jerry Eberts and Joe March take a lighter look at addition featuring the Neutrino Brothers, Marty Feldman, Dudley Moore and Peter Cook.

Monday, Nov. 23

3 p.m. *Melting Pot.* Mike Mines talks to UBC Professor of Architecture, Doug Patterson, about Vancouver's cultural landscape.
4:30 p.m. *Making Waves.* Joe March looks into saving the CPR Roundhouse from B.C. Place.
7 p.m. *Off Beat.* A comic roundup of the week's off-beat news.

Tuesday, Nov. 24

3 p.m. *Gay Issues.* Produced by the Gay People of UBC.
5 p.m. *Thunderbird Sports Report.* Brenda Hughes looks into major intercollegiate and intramural sports action at UBC.
9 p.m. *Airstage.* Featured is the radio thriller, "The Assassin Game," written by UBC creative writing student Gary Fisher. Produced by Joe March and the CITR players.

Wednesday, Nov. 25

3 p.m. *Still Ain't Satisfied.* Linda Reid produces this show which looks into contemporary women's issues.

Thursday, Nov. 26

3 p.m. *Cross Currents.* A look at consumer and environmental issues.
5 p.m. *Thunderbird Sports Report.* A look at the upcoming T-Bird basketball teams.

Friday, Nov. 27

3 p.m. *Dateline International.* Trends in Japanese business. Produced by Rob Simms; written by Dan Tidball.

Saturday, Nov. 28

3 p.m. *Behind Four Walls.* A look at the rental housing market in Vancouver with an emphasis on student issues. Produced by Ian Timberlake.
4:30 p.m. *Making Waves.* Paul Kaihla talks to Barbara Frumm and Peter C. Newman about the media in Canada.

Sunday, Nov. 29

4:30 p.m. *Laughing Matters.* Jerry Eberts and Joe March take a lighter look at war. Features Bob Newhart, Jonathan Winters, W.C. Fields, and Eddie Cantor.

Monday, Nov. 30

3 p.m. *Melting Pot.* Joe March talks to UBC Poultry Science Department head Dr. Darrell Bragg about egg cholesterol and the fallacies associated with it.
7 p.m. *Off Beat.* A comic roundup of the week's off-beat news.

The Librarian,
Special Collections Division,
Main Library,

CAMPUS

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.

