SPECIAL COLLECTIONS

Faculty elects Pearse, Greenwood

Resource economist Prof. Peter Pearse has been re-elected to UBC's 15-member Board of Governors for a second term of office and Prof. Hugh Greenwood, head of the Department of Geological Sciences, has been elected to the Board for a first term of office.

Both will serve three-year terms and were elected from a field of five persons by the faculty to represent them on the Board. Voting by mail ballot for the faculty election closed Friday (Nov. 28) and the results were announced Monday (Dec. 1).

Prof. Pearse, who holds a joint appointment in the Faculty of Forestry and the economics department of the Faculty of Arts, was first elected to the Board in 1978. He is widely known as one of Canada's foremost resource economists in the fields of forestry and fisheries. He has been a UBC faculty member since 1962.

Prof. Greenwood, who joined the UBC faculty in 1967 and became head of geological sciences in 1977, is a leading scientist known for his studies of the physics and chemistry of rock formation. He was the winner in 1969 of one of Canada's most prestigious awards, the Steacie Prize, then awarded by the National Research Council.

Both men are UBC graduates and will take their seats on the Board in February.

In other election news, members of the UBC employed staff are currently voting by mail ballot to elect one of their number to represent them on the Board of Governors.

Nominated for the seat on the Board are: Bob Black, an area supervisor for the Department of Physical Plant; Neil D. Boucher, payroll supervisor for the Health Sciences Centre Hospital; Paul Jeyakumar, accountant for the UBC Press; William J. Morrison, senior technician in the Department of Physics; John R. Nanning, a library assistant II, prebindery, Library Processing Centre; and Henry M. Rosenthal, director of social science programs for the Centre for Continuing Education.

Election day — the day on which ballots are counted — for the employed staff Board member is Dec. 17.

Nominations for two UBC students to sit on the Board and 17 students who will sit on Senate close on Dec. 19 at 4 p.m. An advance poll for the student elections will be held Jan. 19. Election day is Jan. 20.

David G.A. McLean, a senior partner in a Vancouver law firm, took his seat on the Board for the first time yesterday (Dec. 2). His appointment was announced in Victoria during November by Dr. Patrick McGeer, minister for universities, science and communications.

Mr. McLean succeeds Alan Eyre, a member of the Board since October, 1978, who has been appointed to the Universities Council of B.C.

Mr. McLean, who will serve a three-year term on the Board, is a member of the firm of McLean, Hungerford and Simon and a graduate of the University of Alberta. Until recently, he was a part-time lecturer in real estate law in UBC's Faculty of Law.

UBC reports

Volume 26, Number 23. Dec. 3, 1980. Published by Information Services, University of B.C., 6328 Memorial Road, Vancouver, B.C. V6T 1W5, 228-3131. Jim Banham, editor. Lorie Chortyk, editorial assistant. ISSN 0497-2929.

Expand, modernize UBC-Ass'n

The Association of Professional Engineers of B.C. says facilities in UBC's Faculty of Applied Science should be "modernized and expanded" to train more engineers.

And the association, which licenses engineers to practise in B.C., says it is not convinced that the most cost-effective or desirable approach to increasing the supply of engineers would be the creation of a new engineering school at this time.

The association's recommendations for upgrading and expanding UBC facilities, as well as for a stepped-up campaign to attract more students into engineering, have been forwarded to the Universities Council of B.C., which is currently considering proposals from both Simon Fraser University and the University of Victoria for the establishment of accredited engineering schools.

Also in the hands of UCBC is a brief from the advocacy committee of UBC's Alumni Association, which polled 246 engineering firms in B.C. to determine whether new engineering-training facilities were necessary.

The committee's conclusion — the survey results do not indicate a great need for additional engineering-training facilities.

The APEBC report says that ultimately other engineering education facilities will be required in B.C. and makes a number of recommendations for development of the "college feeder school concept" under which students at Simon Fraser University and five community colleges can take first-year science and first-year engineering before transferring to the second year of engineering at UBC.

The APEBC proposes that initially UVic and Caledonia College in Prince George be added to the list of schools offering first-year engineering and that subsequently colleges and univer-

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Photo by Jim Banham

Tom Moore, production supervisor for film and video in UBC's audio-visual services department, was a big winner at the 16th Yorkton International Film Festival in November. He won two Golden Sheaf Awards for a 22-minute color film entitled "Ski Cross Country," which was judged the best sport and recreation film entered in the Canadian film festival. The second award was for the best original musical score for the film. Moore's next production, part of which will be shot at UBC, is a film on the training of track and field coaches.

New look for UBCR in new year

UBC Reports will be bigger and (we think) better when it again appears on the campus in January during the first week of the second term.

We're expanding the size of each edition of the paper to eight pages, which means there will be more room for news and feature stories about campus life.

Each edition of the paper will continue to carry the popular "UBCalendar" section, which lists upcoming lectures, seminars, cultural events and notices of interest to the University community.

And the UBCalendar listings in each edition will cover a two-week period.

What this means, in short, is that we're eliminating the issue of UBCalendar which currently appears as a single sheet in those weeks when *UBC Reports* isn't published. We've had to make this change because of escalating printing and mailing costs.

The eight-page paper will be printed on more common newspaper stock, which will enable us to make further savings. However, we'll be running more stories about future University directions, research activities and UBC people.

This increased coverage is the result of an analysis of a readership survey conducted by *UBC Reports* earlier this year. Readers indicated they wanted more information on the topics outlined above.

For those who submit material for UBCalendar on a weekly basis, we urge you to plan your speakers and events in advance so they can be submitted in time for our two-week listing. See the lead item on page 4 of this issue for new deadlines.

Prof. Erich Vogt

Resigns to head TRIUMF

Prof. Erich Vogt has resigned from his position as UBC's vice-president for faculty and student affairs, effective June 30, 1981.

He will become director of the TRIUMF project, the nuclear research facility located on the UBC campus, on July 1, 1981, after six months of study leave at similar installations in the United States and Switzerland.

TRIUMF is Canada's largest new venture in science in the last decade and is just now entering its most productive initial years. Dr. Vogt said the opportunity to head the project is "one of the most challenging and interesting to be given to a Canadian scientist."

Prof. Vogt's resignation will result in a rearrangement of administrative responsibilities in the President's Office at UBC.

Vice-president Vogt's duties as vice-president for faculty affairs will be transferred to the office of Prof. Michael Shaw, whose title of vice-president for academic development has been changed to vice-president, academic, and provost.

Prof. Shaw will share responsibility for faculty affairs with Prof. Robert Smith, whose title of associate vice-president for academic development has been changed to associate vice-president, academic.

Also reporting to Vice-president Shaw will be Prof. Peter Larkin, who was appointed associate vice-president, research, in October. He chairs a newly established executive committee for research administration and policy.

The rearrangement of duties in the President's Office also calls for the future appointment of a vice-provost for student affairs, who will also report to Vice-president Shaw.

President Kenny said he had accepted Prof. Vogt's resignation "with the greatest reluctance."

Prof. Vogt, he said, "has made a significant contribution to upgrading the quality of teaching and research at UBC in his supportive role of aiding faculties and departments in making suitable appointments to the UBC faculty."

And as vice-president for student affairs, Prof. Vogt had "been a very effective catalyst for ensuring that student services are well managed and responsive to the needs of the University community."

A member of the UBC physics

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Symbolic book shelving ceremony is carried out in the reading room of the Health Sciences Centre Hospital by hospital nursing director Shirley Mermet, left, and Sharon Young, president of the Health Sciences Student Association and a fourth-year dietetics student in Home Economics. Students raised $400 at pre-Christmas skit night and turned it over to the campus hospital for the purchase of books and other material for the reading room used by students and faculty.

Record numbers enrol for continuing education

British Columbians have pushed registrations in continuing education programs of the University of B.C. to record levels.

UBC's annual report on continuing education shows that registrations approached the 100,000 mark in the 12-month period to Aug. 31, making the UBC program among the largest in North America. And much of the activity took place far from UBC's Point Grey campus.

Of the 94,421 continuing education registrations, 49,082 were for "off-campus" programs – everything from animal nutrition in Vernon to dentistry in Cranbrook or trout culture in Kamloops.

"This is a clear indication that the University is serving its province-wide mandate," said UBC President Douglas Kenny. "When it is viewed with this fall's record registration of more than 23,000 full-time students on the campus, it is clear that higher education in British Columbia is in a growth position."

Although continuing education programs are offered by most faculties at UBC, the Centre for Continuing Education is the major vehicle for taking programs and services to the public at large.

In addition to administering a growing correspondence program, the centre offers a broadly-based, year-round series of activities, including a free summer program for senior citizens and certificate programs in criminology and early childhood education. The centre's fall and spring non-credit program includes international relations, personal growth and development, creative arts, social sciences and pre-retirement education.

The centre sponsors lectures and programs across the province, and in the case of the summer program for seniors it makes it easy for the 'students' to come to the UBC campus. Some 750 retired people took part in the program this past summer, and they came from Victoria in the south, to Prince Rupert in the north and Revelstoke in the east. There were 39 different one-week and three-week courses, and the out-of-towners stayed at a student residence on campus for $35 a week.

Centre director Jindra Kulich says UBC's continuing education program is the most extensive in Canada and has the most registrations.

"In program scope and creativity, we can be compared with Minnesota, Wisconsin, UCLA, USC, Michigan and the University of California at Berkeley," he says, "and they are six of the best in the U.S."

Feasibility study for Acadia Camp pondered

UBC is carrying out preliminary investigations with a view to mounting a formal feasibility study for development of an integrated housing package in the Acadia Camp area.

"We have a housing problem that is particularly acute for students with families," said Prof. Erich Vogt, UBC's vice-president for faculty and student affairs. There is also a need for additional single- student housing close to the campus.

"There's also another growing dimension to the problem, and that is the difficulty in attracting to UBC bright young faculty members because of high housing costs in the Vancouver area," he said. "We also want to look at the idea of some kind of short-term accommodation facility for campus visitors from outside the city.

"Thus what we will be looking at is a housing project which can help meet the needs of students with families, alleviate single-student housing pressures, and provide some housing alternatives to younger faculty and staff members in their low-income years. The fact that we already own the land gives us the opportunity to provide housing which is potentially more attractive than the off-campus housing market.

"A workable solution could make a significant contribution to relieving the chronic rental housing supply in the City of Vancouver.

"We want to explore the feasibility of establishing this kind of housing combination at Acadia Camp. But a feasibility study is just that – a thorough examination of the needs, the economics – including the very real problems of financing – and the human factors involved. We don't want to get anyone's hopes up for a quick solution to our problems, but we want them to know we are seriously looking at the situation," Prof. Vogt said.

He added that should such a project appear feasible, it would be very important to have it provide student housing which would rent at rates comparable to those presently charged for existing Acadia Park units.

"We would also want the area developed in stages to ensure that existing residents would continue to enjoy comparable housing during the construction period."

A staged development would also ensure the continuation of the nine Acadia Camp day care units which provide services for about 200 children of students, support staff and faculty.

The housing units on the 18-acre Acadia Camp site are almost exclusively former army huts brought to the campus after the Second World War to provide housing for married students and faculty members. The units house 125 families and rent for rates ranging from $61 to $256 a month.

Crane centre ceremony set

A ceremony to mark completion of the $300,000 recording centre in the Crane Library for the blind takes place in Brock Hall on Friday (Dec. 5) at 2 p.m.

The recording centre, which provides recorded talking books for the blind and print handicapped, now boasts nine recording studios and a variety of equipment for editing and duplicating tapes.

Crane Library head Paul Thiele says the recording centre is now the largest in Canada and contains equipment similar to that used in the music recording industry.

More than 15 organizations have contributed funds for the recording centre, which has been built in two stages. Contributors include three foundations, the federal and provincial governments, and the 1977 and 1979 UBC graduating classes.

The latest gift to the library came from the Variety Club of B.C., which has provided $10,000 to aid in the purchase of 18 additional units for high-speed cassette duplication. The Kiwanis Club of Uptown Vancouver earlier gave $8,000 for the purchase of similar equipment.

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department since 1965, Prof. Vogt played an important role in the creation of TRIUMF, a joint venture of UBC, the Universities of Victoria and Alberta and Simon Fraser University. He has been chairman of TRIUMF's board of management since the cyclotron started operating in 1974.

As director of TRIUMF, Prof. Vogt succeeds Dr. Jack Sample, who remains a member of the research staff of the facility after completing a five-year term as its director.

Prof. Vogt, who was appointed vice-president for faculty and student affairs in 1975, will retain his post as a full professor in the UBC physics department.

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sities be expanded to offer a second year of engineering education.

These developments, the report says, "should be accomplished in an orderly fashion and in total concert with UBC."

The natural course of development over the next decade, says the APEBC, will be that some of the feeder schools will find themselves ready to expand into the final two years of engineering education. "This process will identify easily the schools which have the most compelling reason to make the final step," the report says.

The APEBC estimates that by 1986 some $28.6 million would be required for the planning and capital costs of a new engineering school. In addition, an estimated $4.7 million would be needed for operating purposes by 1985.

These costs "may not represent the best return of investment for the province," the report says.

"As a more economic alternative, UBC could accomodate another 300 undergraduate students in certain disciplines with their present facilities. To expand these facilities will require additional capital and operating investment at UBC. To this must be added funds to support additional facilities at the feeder colleges to ensure an increase in the supply of engineering students."

The APEBC says both UBC and the association should work in concert on a campaign to attract more engineering students by improving communication to high school students.

The report also recommends the establishment by the provincial Ministry of Universities, Science and Communications of an Engineering Education Committee, composed of members from UBC, the feeder colleges and universities and the APEBC.

The EEC would recommend orderly steps for the development of new engineering education facilities, compile data on engineering manpower requirements and undertake a study of a four-year engineering program in relation to the professional education of engineers and the resulting impact on the engineering profession.

UBC currently offers a five-year and a four-year program leading to a bachelor's degree. Only exceptional students are allowed to enrol in the four-year program.

However, the Faculty of Applied Science has approved in principal a new four-year program which would replace the existing UBC programs. The proposal, which must be approved by UBC's Senate, would not come into effect until 1983 to allow secondary schools to make necessary curriculum adjustments.

Both the APEBC report and the brief of the Alumni Association's advocacy committee identify the following general trends in the engineering field in B.C.:

- There is a current shortage of experienced and specialized engineers, not new graduates;
- There is an interest in incorporating co-operative education schemes into present engineering training programs;
- UBC engineering graduates are widely accepted in the profession and are of a standard equal to that of graduates of other universities; and
- There is a need for additional facilities to train technicians and technologists.

UBC weaver uses ancient techniques for her art

There's been a resurgence of interest in recent years in the art of tapestry design and weaving. But today's weavers are still using techniques that were invented five hundred years before the birth of Christ, according to Joanna Staniszkis, assistant professor of Home Economics at UBC and one of Canada's best-known tapestry artists.

"Indian cultures in South America were producing incredible, intricate tapestries as early as the fourth and fifth century B.C. Most of the techniques we use today were invented then. I don't think we've ever surpassed the early weavers, even with advanced equipment."

Ms. Staniszkis speaks with authority on the subject of weaving. Her tapestries are exhibited throughout Canada, the U.S. and Europe; she is commissioned regularly to do works for public and private buildings; and she was inducted this spring into the Royal Canadian Academy of the Arts for her work as a designer and weaver of tapestries. (The academy confers membership on people who are distinguished in the field of art, architecture and design.)

Ms. Staniszkis sees her acceptance into the academy not only as a personal honor, but as a victory for weaving as an art. "There is always a controversy about whether weaving is an art or craft. I think it is both, and my acceptance into the academy proves that weaving is definitely seen as an art."

Ms. Staniszkis' interest in weaving began in Poland, where she was born and raised. After moving to the U.S. and attending the School of The Chicago Art Institute, she worked as an interior design consultant and made several trips to South America to study Pre-Columbian textiles before joining the UBC School of Home Economics in 1969.

She teaches design courses in Home Economics, including design fundamentals, textile design and interior design. "I feel that teaching design is closely tied to my work as an artist," she says. "Having contact with other people helps my work as an artist, and I find it's exciting to teach Home Economics students because I am usually the first one to expose them to the problems and the rewards of design. It's a privilege to do that."

One of the dimensions that Ms. Staniszkis involves her students in is using natural dyes. "I find that using natural dyes is a good way to teach students about color," she says. "A basic understanding of natural pigments helps them use commercial dyes with more wisdom."

Although she has a studio at False Creek where she does most of her work, Ms. Staniszkis plans to do a lot of work in a lab at UBC this year. "I'm preparing for an exhibition and I want to do the work here so that my students can have an artist around to watch, to see how the elements of design I've taught them are practically applied."

The exhibition she is preparing for is a show entitled Three Canadian Tapestry Artists, which will feature the works of two other Canadian artists, one from Quebec and another from Toronto, along with Ms. Staniszkis' tapestries. It will travel around Canada for a year and then be exhibited throughout Europe.

Ms. Staniszkis says she likes working on a large scale and has a special interest in creating tapestries for public buildings.

"I create the tapestry to blend in with the decor of the building. If a building is just being constructed, the architects will tell me the style of the building, the colors and textures of the walls and floors, and sometimes the mood that they want. Then they leave it up to me to create a suitable tapestry. They realize that I am an artist and can't be dictated to on every point of the work."

Ms. Staniszkis begins her tapestries by doing small sketches to work out the design and colors she wants. When she is satisfied with the design, she enlarges it to the actual size of the tapestry and fits it on the back of the loom so that she can use it as a guide as she does the weaving.

When she works on a large scale it is usually necessary to have other artists help with the weaving, as was the case with her latest tapestry, which was commissioned by architects for a new downtown office tower. The tapestry, which depicts the Vancouver skyline, is 30 by 15 feet and took six months to complete."

What is her favorite tapestry?

Ms. Staniszkis looks to the future — "It's always the next one that's going to be the best."

Picture by Lorie Chortyk

Surrounded by tapestries in her False Creek studio is UBC's Joanna Staniszkis (right) with fellow weaver Anthoula Stavridis. In the background (left) hang nine of the 44 tapestry strips which make up the 30' x 15' Vancouver-skyline tapestry recently completed by the two women.

Trolley bus plan may founder on road widening

UBC and the Greater Vancouver Regional District transit authority are discussing a $1.95 million proposal to electrify the University Boulevard approach to the campus for trolley buses and to create a new bus terminus on the small parking lot adjacent to the Aquatic Centre.

The GVRD says its proposal would "dramatically improve the quality of service to UBC" by allowing the extension of exisiting trolley bus routes to the campus and would enable the transit authority to switch 12 to 16 diesel buses to suburban routes.

Two UBC president's committees on traffic and parking and land use have had a look at the proposal.

Dr. Kenneth Denike of the geography department, who chairs the advisory committee on traffic and parking, says the fact that his 14-member committee representing UBC faculty, students and support and professional staff is "split right down the middle" on the proposal probably reflects campus opinion generally.

Despite this, Dr. Denike says the committee has sent a "guarded" recommendation to President Douglas Kenny supporting the transit authority plan "contingent upon University Boulevard being widened prior to implementation."

The University Endowment Land Ratepayers' Association has also approved the plan, but wants two feet added to the roadways on both sides of the boulevard to create a passing lane for cars.

The transit authority's proposal points out that trolley buses are wider than diesel buses and says there are two options for accommodating the trolley buses on University Boulevard:

1. Limit traffic on the boulevard to one lane each way; or
2. Widen University Boulevard to allow for two lanes of traffic each way.

The transit authority favors Option 1 as the least-cost option and suggests that improved access to the campus via 16th Ave. will take care of those cars unable to use the boulevard.

The provincial department of highways estimates that it will cost more than $3 million to create two lanes each way and has indicated that it can't consider undertaking a widening project at this time.

The President's Committee on Land Use, chaired by Dr. Roy Taylor, director of UBC's Botanical Garden, has also had a look at the proposal in terms of its impact on land use as the result of the creation of a new terminus.

The Taylor committee looked at five possible sites for the terminus and has recommended that it be located on the Aquatic Centre parking lot site.

"The recommendation," Prof. Taylor says, "reconfirms a long-standing policy that the central core of the campus should be pedestrian oriented and that services such as a bus loop should be located on the periphery of the core."

On the whole, he adds, the committee favors improved access to the campus by public transport to reduce continuing pressure on the University to create more parking spaces.

The existing bus loop just west of the Aquatic Centre parking lot isn't large enough to accommodate the increased number of trolley buses which would reach the campus under the GVRD plan and the area can't be expanded because of future UBC planning requirements.

One of the difficulties faced by both UBC committees is that they have no jurisdiction or powers of recommendation over the stretch of University Boulevard that passes through the Endowment Lands between Blanca St., where the trolley wires now terminate, and Wesbrook Mall, the eastern boundary of the campus.

The chairmen of both UBC committees point out that concern has been expressed about the possible negative effects of the aesthetics of University Boulevard as a result of the electrification proposal.

Some trimming of the branches of the maple trees that line both sides of the boulevard would be necessary to accommodate the poles that will support the trolley wires.

The transit authority proposes to erect poles with bracket arms attached to eliminate the need for support wires spanning the boulevard. The poles would be surmounted by lights to improve visibility.

UBC to borrow $6 million for store

The provincial government has given UBC permission to borrow $6 million to construct and equip a new Bookstore, the Board of Governors was told at its meeting yesterday (Dec. 2).

The approval means that the University will be able to make an early start on the building, which will be constructed on the southwest corner of the East Mall and University Boulevard, immediately east of the Biological Sciences Building.

The Bookstore will be built with funds borrowed by the University from a financial institution. The loan will be repaid out of future Bookstore revenues.

The new Bookstore will contain nearly 6,000 square metres of space on two levels. Retail selling space in the new store will be three times larger than similar space in the present building. Architects for the project are Zoltan Kiss and Partners.

Book discount

Been wondering what to give your bookish friends for Christmas?

The University of B.C. Press may have the answer to your problem.

Until Dec. 20, the press is offering 16 of its titles at a discount of 30 per cent.

A flyer listing all titles on sale is available from the press (228-3259) which has offices in the Old Auditorium.

UBCalendar

New deadlines for UBCalendar

***UBC Reports* will expand to eight pages and appear twice a month beginning in January. The issue of "UBCalendar" which now appears as a single sheet in the weeks *UBC Reports* isn't published is being eliminated.**

The expanded version of *UBC Reports* will contain UBCalendar notices covering a two-week period. Here's a schedule of our requirements for UBCalendar notices for the month of January.

For events in the weeks of Jan. 11 and Jan. 18, we will require your material not later than 4 p.m. on Wednesday, Dec. 31. (*UBC Reports* will appear on Jan. 7).

For events in the weeks of Jan. 25 and Feb. 1, we will require your material not later than 4 p.m. on Thursday, Jan. 15. *UBC Reports* will appear on Jan. 21).

The deadlines for submission of material will appear in each edition of the paper. We urge you to take note of them.

See you in January.

MONDAY, DEC. 8

9:00 a.m. **PATHOLOGY SEMINAR.** Dr. Charles Schiffer, senior investigator, National Cancer Institute, Baltimore, Md., on **Platelet Transfusion Therapy.** Pathology Seminar Room, Heather Pavilion, Vancouver General Hospital.

12 noon **CANCER RESEARCH SEMINAR.** Dr. Eva Turley, Pharmacology and Oncology, Faculty of Medicine, University of Calgary, on **Mechanisms of Cell Movement and Metastatic Invasion.** Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave.

12:30 p.m. **PLANT SCIENCE SEMINAR.** Dr. D.J.C. Friend, Botany, University of Hawaii, Honolulu, on **Photoreactions Controlling Flowering in a Long-Day Plant** *(Brassica campestris).* Room 342, MacMillan Building.

1:00 p.m. **PATHOLOGY SEMINAR.** Dr. Charles Schiffer on **The Prevention and Treatment of Infections in Neutropenic Patients.** Seminar Room 123, Doctors' Residence.

4:00 p.m. **BIOMEMBRANE SEMINAR.** Dr. Demetrios Papahadjopoulos, Cancer Research Institute, University of California, San Francisco, on **Liposomes As Carriers For Introducing Macromolcules Into Cells.** Lecture Hall 3, Woodward Instructional Resources Centre.

IN SEARCH OF THE MIRACULOUS Weekly Meeting in Room 211 of the Student Union Building.

4:30 p.m. **PHARMACOLOGY SEMINAR.** Dr. Brian Hoffman, Medicine, Duke University, North Carolina, on **Characterization of *b*-Adrenergic Receptor Subtypes.** Room G279, Lecture Hall, Health Sciences Centre Hospital.

8:00 p.m. **IMMUNOLOGY SEMINAR.** Dr. Tom Wegmann, Immunology, University of Alberta, Edmonton, on **Apparent Violations of Fundamental Transplantation Laws in Adults and Their Potential Application.** Salons B and C, Faculty Club.

TUESDAY, DEC. 9

12 noon **ACADEMIC WOMEN'S ASSOCIATION Gala Christmas Luncheon.** Salons A, B and C, Faculty Club. $7. Please reserve in advance by calling 228-6195 or 228-2502.

12:30 p.m. **BIOMEMBRANES SEMINAR.** Dr. Demetrios Papahadjopoulos on **The Use of Liposomes for Studying Mechanisms of Membrane Fusion.** Room 4209, Block A, Medical Sciences Building.

3:30 p.m. **OCEANOGRAPHY SEMINAR.** Dr. E.D. Goldberg, Scripps Institution of Oceanography, La Jolla, Calif., on **Prehistorical and Historical Records in Environmental Charcoals.** Room 1465, Biological Sciences Building.

4:30 p.m. **PHYSIOLOGY SEMINAR.** Dr. Y.S. Moon, Obstetrics and Gynaecology, UBC, on **Role of Prostaglandins in Follicular Regulation.** Room 2605, Block A, Medical Sciences Building.

WEDNESDAY, DEC. 10

3:30 p.m. **SPECIAL PUBLIC LECTURE** sponsored by the Asian Studies department, the President's Committee on Japanese Studies and the Asian Research Institute. Prof. Toshihiko Kawasaki, chairman, Department of English, Nagoya University, on **Gardens and Literatures East and West.** Penthouse, Buchanan Building.

8:00 p.m. **SENATE MEETING.** A limited number of tickets for the observers' gallery are available and must be applied for at least 24 hours in advance of the meeting. Call Frances Medley, clerk to Senate, 228-2951. Senate meets in the Board and Senate Room, Old Administration Building.

THURSDAY, DEC. 11

9:00 a.m. **PSYCHIATRY LECTURE.** Dr. Granville Grossman, St. Mary's Hospital, London, England, on **The Use of Propranolol in Psychiatry.** Lecture Theatre, Psychiatric Unit, Health Sciences Centre.

2:30 p.m. **SPECIAL PUBLIC SEMINAR.** Prof. Toshihiko Kawasaki on **Natsume Soseki's *Three-Cornered World* a Topoanalysis.** Penthouse, Buchanan Building.

3:30 p.m. **ECONOMICS THEORY SEMINAR.** Gordon Anderson and Richard Blundell on **Testing Restrictions in a Dynamic Model of Consumer Demand.** Room 351, Brock Hall.

8:00 p.m. **YOUNG ALUMNI CLUB Christmas Party.** All students and staff are welcome to join the Young Alumni Club for a **Christmas Celebration.** Full facilities and live entertainment provided. 6251 Cecil Green Park Rd.

FRIDAY, DEC. 12

12:30 p.m. **DEVELOPMENTAL MEDICINE SEMINAR.** Dr. V. Singh, Pathology, Division of Immunology, on **Antibrain Antibodies in Demyelinating Disease.** Seminar Room, First Floor, Willow Pavilion, Vancouver General Hospital.

1:00 p.m. **MEDICAL GENETICS SEMINAR.** Seattle-Vancouver Dysmorphology Exchange. Fourth Floor Conference Room, Health Centre for Children, Vancouver General Hospital.

8:00 p.m. **CONTINUING GRADUATE SEMINAR** on **Celebratory Rites and Communal Imbibation** (with a demonstration of indigenous dances). UBC Grad Centre. For further information, call Nina Dadoun, 228-6537.

SUNDAY, DEC. 14

2:00 p.m. **INTERNATIONAL HOUSE Children's Christmas Party** for members and student families. Goodies from Santa, games, entertainment and refreshments. Upper Lounge, International House. Tickets in advance from International House, 50 cents.

MONDAY, DEC. 15

2:30 p.m. **GEOLOGICAL SCIENCES and OCEANOGRAPHY Lecture.** Dr. Ed Boyle, Institute of Earth and Planetary Sciences, MIT, on **Trace Cadmium and Zinc in Foraminiferal Tests As A Paleochemistry Probe.** Room 330, Geological Sciences Building.

TUESDAY, DEC. 16

3:30 p.m. **OCEANOGRAPHY SEMINAR.** Dr. S. Honjo, Woods Hole Oceanographic Institution, on **Results of the Parflux Experiment.** Room 1465, Biological Sciences Building.

WEDNESDAY, DEC. 17

8:00 p.m. **VANCOUVER YOUTH ORCHESTRA** performs in the Old Auditorium.

FRIDAY, DEC. 19

8:30 p.m. **BASKETBALL.** UBC Thunderbirds meet Trinity Western College. War Memorial Gymnasium.

SATURDAY, DEC. 20

8:30 p.m. **BASKETBALL.** UBC Thunderbirds play Seattle University. War Memorial Gymnasium.

CAMPUS RELIGIOUS SERVICES

Vancouver School of Theology - Anglican rite at 7:30 a.m. Monday-Friday (Eucharist on Monday, Wednesday, Friday; morning prayer on Tuesday and Thursday); Ecumenical community worship at 10:15 a.m. on Thursday; United Church service at 8:30 a.m. Tuesday. Chapel of the Epiphany, Chancellor Boulevard.

St. Mark's College - Mass at 12:30 and 4:30 p.m. Monday-Saturday and at 9:30 and 11:30 a.m. and 4:30 p.m. on Sunday. 5935 Iona Drive.

Regent College - Service at 11:30 a.m. Tuesday. 2120 Wesbrook Mall.

St. Andrew's Hall — Service at 11:00 a.m. Sunday. 6040 Iona Drive.

Lutheran Campus Centre - Sunday services at 9:30 and 11:30 a.m. and 7 p.m. Eucharist at 12:30 p.m. on Wednesday. 5885 University Boulevard.

Quaker Worship Group - Meets Dec. 10, 17 and 23 at 12:30 p.m. in Room 213 of the Student Union Building.

FOOD SERVICES CHRISTMAS HOURS

Ponderosa Snack Bar closes Dec. 5; Buchanan Snack Bar closes Dec. 12; Education Snack Bar and Auditorium Snack Bar close Dec. 17; and the Barn Coffee Shop and I.R.C. Snack Bar close Dec. 19. These food outlets will re-open on Jan. 5, 1981. The Bus Stop Coffee Shop closes Dec. 19 and re-opens Dec. 29, but will be closed on Jan. 1, 3 and 4. The Student Union Building food services will remain open except for the following closure dates: Dec. 20 and 21, Dec. 25-28, Jan. 1, 3 and 4.

RESEARCH FOR THIRD WORLD DEVELOPMENT

The International Development Research Agency (IDRC) is holding a two-day seminar in Vancouver beginning Dec. 8 on **Research for Third World Development.** The seminar will focus on ways that Canadian research can be applied to solve Third World problems. Interested members of the UBC community are invited to attend the opening event, an address by IDRC President Ivan Head, at 8:30 p.m. on Monday, Dec. 8, at Denman Inn in downtown Vancouver. For further information call Carolyn Tate, Continuing Studies, Simon Fraser University, 291-3298.

INTERNATIONAL CHRISTMAS

The Inter-Varsity Christian Fellowship is hosting a five-day "International Christmas" for international students at Camp Squamish, near Whistler Mountain from Dec. 21-26. Activities include skiing, hiking, swimming, music, and just relaxing by the fire. Cultural Exchange Night will give the students a chance to share slides, music and discussions about Christmas traditions in their home country. For further information, call 325-1715 or 228-9953.

FACULTY CLUB BOOK DISPLAY

An exhibit of award-winning books from university presses continues until Friday (Dec. 5) in the UBC Faculty Club. The display, circulated by the American Association of University Presses, includes *An Atlas of British Columbia,* by Prof. A.L. Farley of UBC's geography department, published by the UBC Press. The atlas won an award for design excellence. There are 33 books and five journals in the AAUP display. The UBC Press has also mounted a wall display and a "walkaround exhibit" related to the preparation of maps for Prof. Farley's atlas in association with the AAUP exhibit. This will continue in the club until Dec. 19. The UBC Press is holding a special **Chrismas sale of books** until Dec. 20. Sixteen titles, including Prof. Farley's atlas, are offered at a discount of 30 per cent. For details and an order form, call 228-3259, or visit the press offices in Room 303, Old Auditorium.

ENTRIES SOUGHT FOR COMPETITION

Inventions, contraptions, models, gimmicks and novel ideas for a display entitled **Energy Today and Tomorrow** are sought from full-time university students enrolled in recognized public institutions in B.C. The display, co-sponsored by the Arts and Sciences Centre, The Bay and the Vancouver Sun, will be held in The Bay's downtown store March 9-13. Entries may be in the form of illustrations, working models or as an imaginative story on tape or film dealing with new ideas on energy. A pamphlet containing an entry form and rules and regulations is available at UBC Information Services, 2nd floor, Old Administration Building. Entries close Dec. 15.

ALBERTA-SASKATCHEWAN DISPLAY

A display entitled **Alberta and Saskatchewan, 1905-1980, 75 Years in Confederation** has been mounted in the Special Collections Division on the top floor of the south wing of the Main Library. It includes some items that focus on sensitive resource issues, including an agreement between Canada and Alberta on the transfer of the natural resources of Alberta (1929) and a preliminary report of the Roaring Commission on Canada's economic prospects as amended by the Parliamentary Press Gallery (1957), as well as diaries and colorful postcards related to the early part of the period covered. A section of the display on prairie politics includes various pamphlets published by the CCF and Social Credit provincial governments reflecting different political concerns.

CIRCUIT AND WEIGHT ROOM

Users of the circuit and weight room in the War Memorial Gymnasium are asked to note that these facilities are open only at the following hours: Monday - 8 a.m.-11 p.m.; Tuesday, Wednesday, Thursday and Friday - 8 a.m.-8 p.m.; Saturday - 12 noon-11 p.m.; Sunday - 12 noon-5 p.m. The facilities may be used by students, staff and faculty only upon presentation of a UBC Library card or a Recreation UBC card.

FINE ARTS EXHIBITION

The UBC Fine Arts Gallery presents the exhibition **Contemporary Prints from the Federal Republic of Germany** until Dec. 19. The gallery is located in the basement of the Main Library and is open from 10 a.m. to 5 p.m. Tuesday to Saturday.

CHILD CARE

Lilliput Day Care on campus has openings for children 18 months to 3 years. Fee is $290 per month. Parents must work 2 hours each week in the centre. For information call 228-6151 or 228-5343.

CO-OPERATIVE EDUCATION

First-year Science students interested in a career in Engineering or Forestry are invited to sign up for the Co-operative Education Program. Application deadline is Dec. 15. For information, call 228-3022, or visit Room 213 of Brock Hall.

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