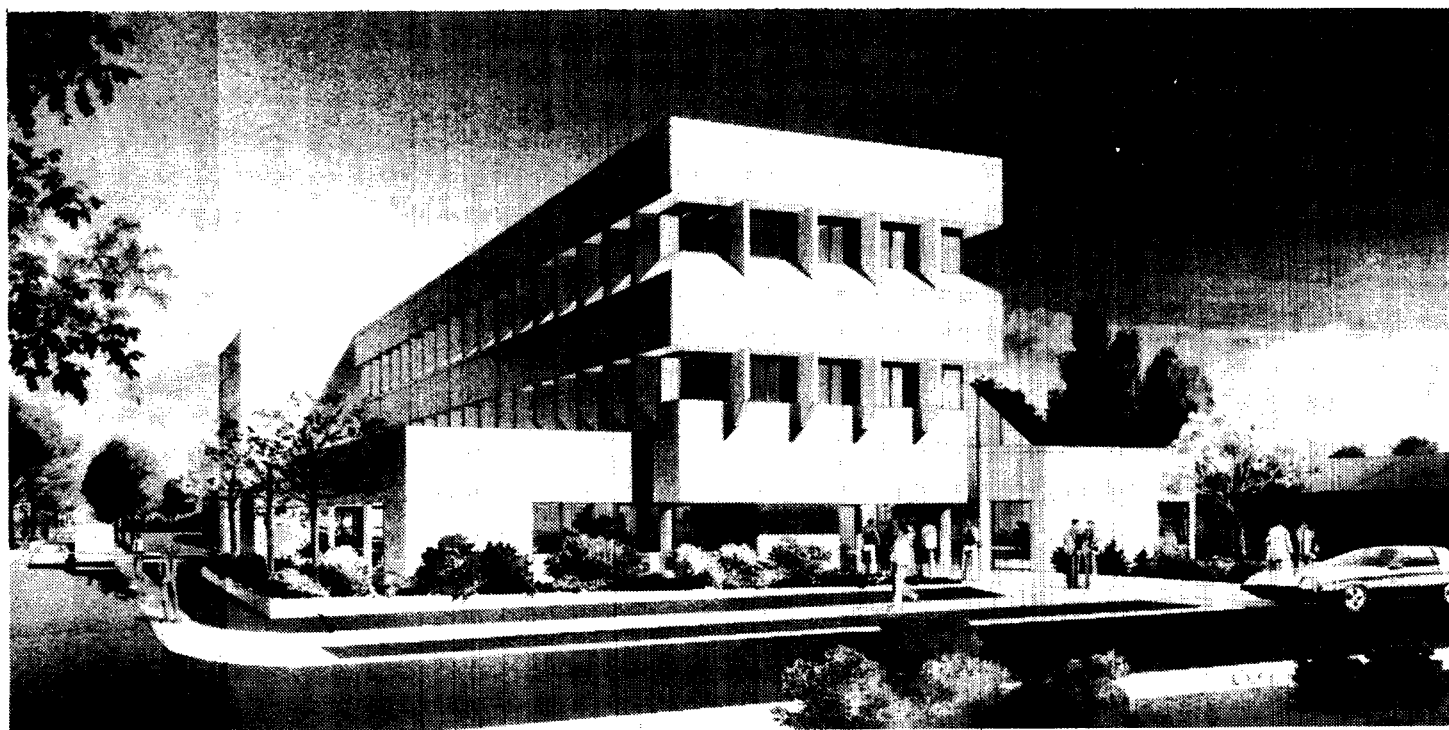


UBC REPORTS

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This drawing by Howard/Yano Architects shows what the UBC Pulp and Paper Centre will look like when construction is completed in about two years. The \$6-million building at the northwest corner of Agronomy Road and East Mall will be for graduate student education and research related to the pulp and paper industry. The centre should not be confused with the Pulp and Paper Research Institute (PAPRICAN) staff research building which will be built as part of UBC's Discovery Park.



Elizabeth Orne

Elizabeth Orne heads AAPS

Elizabeth Orne, administrative assistant in Mathematics, is the new president of the Association of Administrative and Professional Staff, succeeding Rayleen Nash.

She was elected by acclamation Oct. 27 at the AAPS annual general meeting.

Also elected were Sue Eldridge, administrative assistant in Economics, as 1st vice-president, Pat Buchanan, residence programs coordinator in Student Housing, as 2nd vice-president, Diana Crookall, administrative assistant in Biochemistry, as secretary and Ron Mercer, accountant in the finance department, as treasurer.

Elected as executive members at large were Peter Davern, assistant to the dean of Education, Gaylea Wood, senior admissions officer in the registrar's office, Win Hunter, senior administrative assistant in Botany, and Sandra Bruneau of the registrar's office.

Many still negotiating

With the truce declared in the labor-vs.-government battle across the province, here is the situation with various groups at UBC:

Faculty Association: Still negotiating with the University on a 1983-84 agreement. Agreement expired last June 30.

Canadian Union of Public Employees (CUPE) Local 116: Still negotiating. Contract expired March 31.

CUPE Local 2278 (teaching assistants): Fred Long has been appointed as mediation officer. Contract expired Aug. 31.

Association of University and College Employees (AUCE): In second year of two-year agreement that expires March 31, 1984.

International Union of Operating Engineers (IUOE): Still negotiating. Contract expired March 31.

Office and Technical Employees Union (OTEU) Local 15: Those members employed by the University are in the second year of a two-year contract that expires March 31. The 11 members of the local who are employed by the Alma Mater Society are on strike and are picketing the Student Union Building.

Approximately 100 University employees who are members of CUPE 116 are refusing to cross this picket line and are not working. Among them are 75 Food Services workers, which has resulted

in closure of the Subway cafeteria.

The strikers, without a contract since May 31, are seeking a wage increase of 15 per cent. The AMS has offered them 5 per cent.

Change asked in agreement

UBC's administration has called on the University's Faculty Association to enter into discussions on revising the Agreement on the Framework for Collective Bargaining.

The present agreement will have been in force five years on April 3, 1984. UBC and the association first signed an agreement to bargain collectively outside the Labor Code of B.C. in December, 1975.

Under the terms of the agreement the University recognizes the association as the sole bargaining agent for its members on such matters as salaries and conditions of employment.

In the event that the University and the association are unable to agree on economic matters, the agreement provides for binding arbitration by an individual acceptable to both parties.

The agreement also prohibits strikes by members of the bargaining unit and lockouts by the University.

BoG invites briefs on fees

UBC's Board of Governors will hear briefs from major campus groups on Dec. 1 on the subject of student tuition fees in general and differential fees for foreign undergraduate students in the 1984-85 fiscal year.

Included in the group of UBC organizations which have been invited to make representations on fees are the Alma Mater Society, the Graduate Students' Association and International House.

The groups have been asked to submit briefs in advance and a representative of each group will be allowed to speak to its submission for 10 minutes on Dec. 1.

The tuition-fee hearings will begin at 1:30 p.m. and continue until 2:30 p.m., when the Board will convene for the open session of its regular December meeting.

However, the Board will not make a decision about 1984-85 tuition-fee levels until the new year.

Suedfeld to head Graduate Studies

Dr. Peter Suedfeld will resign as head of UBC's psychology department to take up duties as the new dean of the Faculty of Graduate Studies on July 1, 1984.

He succeeds Dean Peter Larkin, who will continue as UBC's vice-president for research and a professor of animal resource ecology.

Dr. Suedfeld joined UBC as head of the Department of Psychology in 1972 after five years as chairman of the psychology department at Rutgers University in New Jersey. He has also held teaching and research positions at Princeton University, Trenton State College and the University of Illinois.

Dr. Suedfeld's research interests include environmental psychology, information processing and attitude change. He is best known for his work in the area of sensory deprivation and has developed a method known as REST — Reduced Environmental Stimulation Technique — which helps patients overcome problems with eating, smoking and relaxation. The method involves placing patients in a light- and sound-proof isolation chamber to shut out environmental stimulants and influences.

Dr. Suedfeld received a Bachelor of Arts degree from Queen's University in New York, and earned his Master of Arts and doctoral degrees from Princeton University.

Dr. George Beagrie has been reappointed for a second term as dean of the Faculty of Dentistry. His second term is effective July 1, 1984 through June 30, 1990.

The following have resigned as head of their department but will continue as full professors: Dr. Wallace Berry, Department of Music, and Dr. Neil Yorkston, Department of Psychiatry.



Peter Suedfeld



Posing on "graduation day" of 12-week alpine garden workshop are, from left to right, Jim MacPhail, UBC alpine garden curator; Botanical Garden director Roy Taylor; workshop participants Henk Meekel, Haleroad Nurseries; Arend Van Imhoff, Valley Garden Centre Ltd.; John Woolliams, Medallion Landscapes Inc.; Douglas Justice, Massot Nurseries Ltd.; Theo Mosterman of UBC's physical plant department and course instructor Ken Hadley (kneeling).

First six gardeners graduate

The first six participants have "graduated" from a 12-week workshop in alpine gardening offered through UBC's Botanical Garden.

The workshop, which is made possible through a gift from Mr. and Mrs. E.H. Lohbrunner of Victoria, is designed to familiarize young professionals in the nursery trades with the care, maintenance and propagation of alpine plant material.

"The course is offered to six candidates per year," said Botanical Garden director Roy Taylor. "It covers the history and

development of alpine gardening, uses of alpine plants in landscaping, rock garden design, soil chemistry, propagation practices and the collection of native alpine.

"Participants attend the program one day each week, and we have a spring segment and a fall segment so that different material and growing conditions can be examined."

If you'd like more information about the workshop, contact the Botanical Garden office at 228-3928.

Asbestos removal tops minor projects

Completion of the new bookstore in June, to be followed in December by completion of the Psychology Building, will lead to a number of shuffles in the assignment of space on the UBC campus.

It also means that for the first time in more than 25 years, there will be no major capital construction in progress on campus.

The provincial government has authorized the University to borrow \$2.6 million for renovation projects this year, with a ceiling of \$500,000 for any single project. These projects must be for the purpose of meeting health, fire and safety codes.

Here is how the money will be spent:

- Removal of asbestos insulation material from the Student Union Building, \$360,000;
- Removal of asbestos from Animal Science units, \$230,000;
- Removal of asbestos from Hebb Theatre and the Woodward Instructional Resources Centre, \$450,000;
- Reconstruction of Chemistry Stores, \$350,000;
- Safety improvements in Chemistry, requested by the Workers' Compensation Board, \$227,000;
- Upgrading the old Bookstore to conform to Building Code, \$200,000;
- Mechanical and structural alterations to Medical Sciences Building, Block C (safety), \$225,000;
- Alterations, Department of Traffic and Security, \$50,000;
- Emergency lighting in various areas of campus, \$100,000;
- Fire alarms, \$93,000;
- Miscellaneous improvements to meet with health, safety and fire regulations, \$313,000.

Seven faculties will be affected by the re-allocation of space on campus, as follows:

- Agricultural Sciences: Will take over six

- offices in Ponderosa Annex B for food sciences;
- Arts: Gets part of the upper floor of the old Bookstore for fine arts studio space. Huts M21 and M22 on the West Mall to be demolished;
- Commerce and Business Administration: Will assume space in Henry Angus Building vacated by Psychology. Hut M27 near the west end of University Boulevard, occupied by the Commerce Undergraduate Society, will be demolished;
- Education: Will take over Psychology Annex, west of the Ponderosa cafeteria and adjacent to other buildings now occupied by the Faculty of Education. Hut M28 on University Boulevard will be demolished;
- Forestry: Will take over about half of the space vacated by clinical psychology on the fourth floor of the Library Processing Centre building. This not only provides added office space but also allows a laboratory in the MacMillan Building now used as study space to be restored to its original purpose;
- Graduate Studies: The remainder of the clinical psychology space on the fourth floor of the Library Processing Centre building goes to Animal Resource Ecology to house the bioscience data centre. Demolition of Hut B1 on the East Mall should be possible as a result;
- Science: Life sciences will get the Biopsychology Building (formerly metallurgy) which will allow demolition of Huts M31 and M32 (West Mall) and Hut B1 Annex (East Mall). Part of the upper floor of the old Bookstore goes to computer science and the Computing Centre for additional computer terminal laboratories and microcomputer laboratories.

Some other changes:

- Copy and Duplicating: Takes over part of the lower floor of the old Bookstore to consolidate an operation that now is split between the basement of the Old Administration Building and the basement of the Mathematics Building;
- Campus Mail: Gets part of the lower floor of the old Bookstore, to allow expansion of the overcrowded mail room in the General Services Administration Building;
- Food Services: Gets a small part of the upper floor of the old Bookstore to expand takeout services in the adjacent Bus Stop restaurant;
- UBC Press: To get the present Copy and Duplicating space in the Old Administration Building for storage of stock.

Although there is no firm timetable for the various renovations and changes, most are expected to be completed by the summer of 1984.

Physiology finally wins

The long-overdue battle between Physiology and Chemistry for the Faculty Club darts championship and the Fisher Trophy finally took place earlier this month — and now the pseudo champs are the real champs.

Chemistry visibly drooped as Tony Pearson defeated Chemistry captain Peter Wassell to open the door for the winning game to be recorded by Physiology captain Ken Curry over Bob Thompson.

The final score was 8-5 in favor of Physiology, which now will accept challenges from other departments.

When the Fisher Trophy arrived on campus in early summer, it already carried 'Physiology May 1983' on the initial winner's plate, even though Chemistry claimed to have defeated Physiology twice during the spring.

It was decided at the time that they should play off before throwing the competition open to others.

Teams are made up of six players and all must be members of the Faculty Club. Challenges to Physiology should be directed through Ed Puls, Faculty Club manager.

Support for grad students tops \$14 million

Financial support to graduate students at UBC this year totals just over \$14 million, including more than \$6 million in teaching assistantships and research assistantships.

Approximately 2,500 graduate students are receiving

financial support, which ranges in individual cases from a low of \$100 to a high of \$16,700.

Here is the breakdown of graduate student support, as compiled by Dr. Allan Freeze, associate dean of the Faculty of Graduate Studies.

SOURCE	STIPEND	NUMBER	TOTAL
UNIVERSITY GRADUATE FELLOWSHIPS (UGF)	\$ 8500 - 9500	185	\$ 1,624,800
FELLOWSHIPS awarded in conjunction with UGF competition (Killam, Klinck, MacMillan, Mackenzie, Wesbrook, Meilicke, Wagner, DAAD, ETH, Vancouver Foundation)	2000 - 12000	93	722,800
SUMMER UGF AWARDS	2650	79	209,350
NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL (NSERC) POSTGRADUATE SCHOLARSHIPS	11,100/16,700	218	2,475,800
SOCIAL SCIENCES & HUMANITIES RESEARCH COUNCIL (SSHRC)	10,800	59	637,200
MEDICAL RESEARCH COUNCIL (MRC) STUDENTSHIPS	11,400	9	102,600
COMMONWEALTH SCHOLARSHIPS	Full travel, living & study.	30	480,000
CANADA MORTGAGE & HOUSING CORPORATION (CHMC) SCHOLARSHIPS	8900	15	133,500
B.C. SCIENCE COUNCIL (GREAT) AWARDS	11,500	33	373,750
MISCELLANEOUS MAJOR DIRECT AWARDS (Gulf, Texaco, Noranda, B.C. Electronics, Alberta Heritage, IDRC, CIDA, Transport Canada, etc.)	5000 - 16,000	about 40	340,000
UNIVERSITY AWARDS	100 - 10,000	129	501,200
TEACHING ASSISTANTSHIPS	up to 6255	about 1200	4,149,600 (1)
RESEARCH ASSISTANTSHIPS	up to 12,000	about 500	2,275,530 (1)
GRAND TOTAL:			\$ 14,026,130

Notes: (1) The Teaching and Research Assistantship totals are for 1982-83. Totals for 1983-84 are not yet available.

(2) The grand total does not include need-based support in the form of loans and bursaries administered through the Office of Awards and Financial Aid. Although precise figures are not yet available, support for graduate students from this source will probably be in the order of \$950,000.

(3) The figures in the table are estimates based on records available to the Faculty of Graduate Studies. The total represents a lower limit, in that there are undoubtedly additional awards that are handled directly between student and granting agency that do not come to our attention (as for example, with many medical scholarships, and with foreign government support).

Volunteer readers key to Crane service

Shortly after UBC's Crane Library for visually impaired students opened in 1968, it was recognized that braille books alone could not meet the needs of the University's blind and print handicapped students.

A facility to record "talking books" on cassettes was added and the library depended on a core of volunteer readers who donated their time to record material needed by students.

Today, 15 years later, Crane Library has become the largest facility of its kind in Canada, and lends material to more than 40 countries through international loans.

But one thing remains unchanged, according to Crane's head librarian Paul Thiele.

"The library's operations would still not be possible without the work of the volunteer readers," he says. "We just couldn't function at the level we do without their help."

UBC Reports spoke with three of Crane Library's long-time volunteers:

Yvonne Forsythe, a 23-year employee of UBC's Main Library, began reading for Crane Library 14 years ago.

"They were asking people to donate one noon-hour a week to record material," she recalls. "The library had recently opened and there wasn't very much on tape."

"I started reading once a week, and when I retired I wanted to give more time, so I began coming in twice a week. I would miss it very much if I didn't read. I enjoy it and I think the students who use the material are marvelous."

Mrs. Forsythe has the distinction of

having recorded the longest work in Crane Library's collections -- a 10-volume French work by Victor Hugo entitled *Les Misérables*.

"It took more than a year to complete," she says. "There are about 130 listening hours on the tapes, but recording time is a lot longer. Victor Hugo has such a tremendous vocabulary that even though I was familiar with reading French, I had to spend quite a bit of time preparing for each taping."

Soon after Mrs. Forsythe completed the tapes of *Les Misérables*, copies were requested by the Library of Congress in the United States.

"At the moment I'm working on a history of Canada, but it's being done gradually because we work on whatever students need in a rush."

She says she is impressed with stories she hears about visually impaired students at UBC.

"We've been recording some nursing textbooks and manuals for a woman who had been working as a nurse and had lost her sight. Now she's back at UBC studying nursing because she wants to teach. When I hear of this kind of determination and courage, I'm glad to be helping out in any way I can."

Seymour Vineberg, a former broadcaster from Montreal, has also been with Crane Library since its earliest days.

"I started reading at Crane when I retired," he says. "A friend of mine suggested that instead of hitting golf balls seven days a week I spend an afternoon or



Volunteer reader Yvonne Forsythe

two at Crane Library.

"When we started out, we had two little recording booths the size of closets and there was no place for students to sit and listen to material when they came in."

"It was the enthusiasm and hard work of Paul and Judy (Paul Thiele and his wife, Judith, Crane's reference and collections librarian) that kept the place going."

Mr. Vineberg is modest about his own role in the development of the library, which included raising private funds to purchase the library's first tape recorders.

"It was just something that needed to be done, so I got involved," he says.

In those days Mr. Vineberg recorded material both at home and in the studio. He still reads once a week in the library.

"I feel, as I'm sure the other readers do, that I'm lucky to have the opportunity to do this."

Dr. Jean Elder, a professor in UBC's history department, recalls her early days recording talking books at Crane.

"We were upstairs in Brock Hall and when we recorded books you could hear the conversations of people walking outside the building in the background of our cassettes. We were amateur readers, but the job got done, books got recorded."

"And with time, the facilities at Crane improved, and we as readers improved. I can now read things like graphs and charts on tape."

"I read every Friday afternoon. I consider it the most worthwhile thing I do all week."

UBC Birds win two, lose one

UBC's basketball Thunderbirds are off to a great start, even though they've yet to play their first league game, but it's

New clinic opens Nov. 22

A new diagnostic and assessment clinic for Alzheimer disease will be officially opened in the Health Sciences Centre Hospital on campus at 3 p.m. on Tuesday, Nov. 22.

Long known as "senility," the condition was thought of as virtually inevitable in the elderly. Medical researchers now think it is a specific disease that can strike at any adult age, and that it is not the natural result of aging.

The ailment is extremely common. There are about 23,000 cases in B.C.

The clinic will be operated under a \$140,000 annual grant from the provincial government.

Dr. Edith McGeer of UBC's Division of Neurological Sciences will speak on "Chemistry of Aging: Neurotransmitters and Alzheimer Type Dementia" in Lecture hall 3 of the Woodward Building at 7 p.m. on Tuesday, Nov. 15.

And "Alzheimer's Disease: Genetics and Natural History" will be the topic of a talk by Dr. L.L. Heston, professor of psychiatry at the University of Minnesota, at 8 a.m. on Wednesday, Nov. 16 in amphitheater B at the Vancouver General Hospital.

"next year" for the football team.

And the women's field hockey team has collected its second straight Canadian championship, its fourth title in six years.

The basketball team won the annual Buchanan Classic against Simon Fraser University for the first time since 1970 by thrashing the Clansmen 80-62 Saturday night at the War Memorial Gymnasium.

Home court made the difference in the three-game series, UBC winning the opener 78-66 at home and then losing at SFU by a 69-53 count.

The football team, on top 12-8 going into the final quarter of the Canadian semi-final game in Calgary, couldn't stop Calgary's all-star quarterback, Greg Vavra, when it counted. He kicked two field goals and threw one touchdown pass as the Dinosaurs moved into the Canadian final against Queens with a 21-12 victory.

It may have been Frank Smith's final appearance as Thunderbird football coach. He announced a month ago that this was his final season, although there now are rumors that he will stay at UBC.

He coached the Thunderbirds to a national championship last year, and in five Shrum Bowl contests against Simon Fraser, Smith's Birds won four times. There was no Shrum Bowl this year.

Coach Gail Wilson's field hockey team, ranked only fourth as they went into the championship tournament in Fredericton, defeated the University of Toronto 2-1 in the playoff for the Canadian Interuniversity Athletic Union title.

3rd candidate enters race

A Richmond school principal has joined the UBC chancellorship race.

He is Leonard P. Sampson, who got his Bachelor of Education degree from UBC in 1956 and his master's in Education three years later.

Also campaigning for the chancellor's job are the chairman of the Canadian Chamber of Commerce, W. Robert Wyman, and teach-author-editor Stan Persky. Deadline for nominations was Nov. 7.

Chancellor J.V. Clyne, who defeated Mr. Persky in the last two chancellorship elections, is not eligible to stand for a third term.

The chancellor, although unpaid, is the University's senior representative and occupies seats on the Board of Governors and the Senate. It is the chancellor who confers degrees on behalf of the University.

All graduates of UBC are eligible to vote through a mail ballot to be conducted early in 1984.

The graduates also will be voting to fill

11 convocation positions on the University Senate. They will choose from the following 21 nominees:

Lillian Ames, B.A. 1944;
Helen Belkin, B.A. 1940;
Douglas V. Bjorkman, LL.B. 1980;
Barbara Brett, B.A. 1961, M.S.W. 1968;
Vivienne Brosnan, B.A., 1948, M.A. 1975;
Grant D. Burnyeat, LL.B. 1973;
Lynne A. Carmichael, B.A. 1972;
David A. Coulson, LL.B. 1980;
Patricia Fulton, B.A. 1939;
Gilbert C.P. Gray, B.A. 1950;
P. Gerald Marra, B.Sc. 1963;
Helen Matheson, M.A. 1973, Ed.D. 1979;
Anne MacDonald, B.A. 1952;
John McConville, LL.B. 1955;
Murray McMillan, LL.B. 1981;
Melvin Reeves, B.A. 1975, M.Sc. 1977;
Chris Niwinski, B.A.Sc. 1980, M.A.Sc. 1982;
Mary E. Plant, B.A. 1952;
Roger C. Schiffer, LL.B. 1979;
Min Sugimoto, B.A. 1956, M.Ed. 1966;
Nancy E. Woo, B.A. 1969.

UBC CALENDAR

The Vancouver Institute.

Saturday, Nov. 19

Interplay of Technology and Society: The Case of Ancient China. Prof. Ursula Franklin, Metallurgy, University of Toronto.

Saturday, Nov. 26

Fear and Courage. Prof. S. J. Rachman, Psychology, UBC.



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

Calendar Deadlines

For events in the weeks of Dec. 4 and Dec. 11, material must be submitted not later than 4 p.m. on Nov. 24. Send notices to Information Services, 6328 Memorial R. (Old Administration Building). For further information, call 228-3131.

MONDAY, NOV. 21

Classics Illustrated Lecture
Drama in the Colonies: Sicilian Theatre in the Fourth Century B.C. Prof. Christopher Dearden, Classics, Victoria University of Wellington, New Zealand. Room D323, Buchanan Building. 12:30 p.m.

German Conversation

Mahlzeit! German Conversation. Bring your lunch, everyone welcome. International House. 12:30 p.m.

Christian Science Lecture

The Logical Certainty of Christian Science Healing. Bruce Fitzwater, Christian Science Board of Lectureship. Auditorium, Student Union Building. 12:30 p.m.

Mechanical Engineering Seminar

Turbulent Shear Layer Separating From a Rectangular Plate. N. Djilali, Mechanical Engineering, UBC. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

TUESDAY, NOV. 22

Botany Seminar

Abciscic Acid Metabolism in Higher Plants. G.L. Boyer, Oceanography, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Forestry Seminar

Comparison Between Silviculture in Central Europe and in Western North America: What are the Possibilities for Silviculture in B.C.? Dr. P. Haddock, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Electrical Engineering Seminar

High Performance DC Drive with Phase Locked Loop Regulation. Prof. G.K. Dubey, Electrical Engineering, Indian Institute of Technology, Kanpur. Room 402, Electrical Engineering Building. 1:30 p.m.

Oceanography Seminar

Interaction Between a Deposit Feeder and Sediment Microorganisms into New Zealand Estuaries. Room 1465, Biological Sciences Building. 3 p.m.

Continued on Page 4

UBC CALENDAR

Continued from Page 3

Chemistry Lecture

Biomimetic Deoxygenation, Epimerization and Related Modifications at C2' of Nucleosides. Prof. Morris J. Robins, Chemistry, University of Alberta. Room 250, Chemistry Building. 4 p.m.

Computer Science/Psychology Colloquium

The Measurement of Visual Motion. Dr. Ellen Hildreth, Psychology, Artificial Intelligence Laboratory, M.I.T. Room 326, Angus Building. 4 p.m.

Geophysics and Astronomy Seminar

The Age and Size of the Universe. Dr. Sidney van den Bergh, Dominion Astrophysical Observatory, Victoria. Room 260, Geophysics and Astronomy Building. 4 p.m.

Family Housing Film

World's Greatest Athlete. Auditorium, Student Union Building. 6:30 p.m.

Men's Basketball

UBC vs. Western Washington University. War Memorial Gymnasium. 7:30 p.m.

WEDNESDAY, NOV. 23

Pharmacology and Therapeutics Seminar

Pharmacology of the Human Penis. Dr. S. Karim, Pharmacology and Therapeutics, UBC. Room 317, Block C, Medical Sciences Building. 12 noon.

Noon-Hour Concert

Music of Beethoven and Turina performed by John Loban, violin and Kum Sing Lee, piano. Recital Hall, Music Building. 12:30 p.m.

Ethnic Studies Lecture

From Assimilation to Cultural Diversity in Social Work Practice. Prof. Richard Nann, Social Work, UBC. Room A203, Buchanan Building. 12:30 p.m.

Geography Colloquium

Soils Mapping for Forestry Resource Management. K. Valentine, Agriculture Canada. Room 201, Geography Building. 3:30 p.m.

Animal Resource Ecology Seminar

Experiments on Fruit Choice in Neotropical Birds. Dr. Tim Moermond, Zoology, University of Wisconsin. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, NOV. 24

Urban Land Economics Workshop

Consumer Demand for Condos. Stan Hamilton, Commerce, UBC. Penthouse, Buchanan Building. 11 a.m.

Regent College Lecture

Jesus and Paul. Prof. C.F.D. Moule, Cambridge University, and visiting professor, McMaster University. Room 1, Regent College. 12 noon.

UBC Wind Symphony

Music of Catel, Bach, Griffe, Granger and Strauss, with Jane Martin, flute soloist. Martin Berinbaum, director. Recital Hall, Music Building. 12:30 p.m.

Women Students' Office Film

Not a Love Story: A Film about Pornography. Pre-register in Room 203 of Brock Hall. For more information, call 228-2415. Room 203, Brock Hall. 12:30 p.m.

Plant Science Seminar

Virus Eradication in Plants Using Tissue Culture. Dr. R. Stace Smith, Agriculture Canada. Room 342, MacMillan Building. 12:30 p.m.

Pharmaceutical Sciences Seminar

Studies on Calmodulin as a Possible Target of Cancer Chemotherapy. Dr. Bob Hickie, Pharmacology, University of Saskatchewan. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Geology Colloquium

Paleomagnetic and Climatic Record from Two Long Boreholes in the Great Hungarian Plain. Dr. H.B.S. Cooke, Geology, Dalhousie University. Room 330A, Geological Sciences Building. 12:30 p.m.

Condensed Matter Seminar

Electron Spin Resonance in Atomic Hydrogen. Brian Statt, UBC. Room 318, Hennings Building. 2:30 p.m.

China Seminar

Loyalist Personalities and Activities in the Sung to Yuan Transition, c. 1273 to 1300. Dr. Jennifer Jay, research and teaching fellow, UBC. Room 604, Asian Centre. 3:30 p.m.

Asian Studies Seminar

The Socio-Economic History of Tamil South India in the British Period, 1800-1947. Dr. Hugh Owen, History, University of Western Australia. Room 604, Asian Centre. 3:30 p.m.

Physics Colloquium

From Engineering Physics to Computer Manufacturing. Karl Brackhaus, Dynapro Systems. Room 201, Hennings Building. 4 p.m.

Underwater Science Seminar

Diver Carried Dual Strobe Underwater Photography. Dave Fleetham, The Diving Locker. Room 1465, Biological Sciences Building. 4 p.m.

Computer Science Colloquium

Current Trends in Logic Grammars. Prof. Veronica Dahl, Computing Sciences, Simon Fraser University. Room 301, Computer Science Building. 4 p.m.

SUB Films

The King of Comedy. Continues until Nov. 27 with shows at 7 and 9:30 p.m. on Friday and Saturday and at 7 p.m. on Sunday. Auditorium, Student Union Building. 7 p.m.

FRIDAY, NOV. 25

Religious Studies Lecture

Reconciliation: Metaphor and Reality. Prof. C.F.D. Moule, Cambridge University, and visiting professor, McMaster University. Room A100 Buchanan Building. 12 noon.

Medical Genetics Seminar

Epilepsy in Pregnancy: Management and Counselling. B. Allan and D. Wilson. Parent-craft Room, Grace Hospital. 1 p.m.

Sport Science Lecture

Cardiac Rehabilitation Program: The State of the Art. Dr. M. Sharratt, Kinesiology, University of Waterloo. Penthouse, Buchanan Building. 1:30 p.m.

Asian Studies Lecture

The Significance of Gandhi in Modern South Asia. Dr. Hugh Owen, History, University of Western Australia. Room 104, Ponderosa Annex B. 1:30 p.m.

Linguistics Colloquium

The Case of the Invisible Brackets. Patricia Shaw, Linguistics, UBC. Room D224, Buchanan Building. 3:30 p.m.

Oceanography Seminar

Oceanographic Observations of the 1982-83 El Nino. Dr. David Halpern, Pacific Marine Environmental Laboratories, Seattle. Room 1465, Biological Sciences Building. 3:30 p.m.

Faculty Recital

Paul Douglas, flute, and the Vancouver Baroque Ensemble. Recital Hall, Music Building. 8 p.m.

UBC Opera Theatre

An evening of opera, directed by French Tickner. Old Auditorium. 8 p.m.

SATURDAY, NOV. 26

International House

Christmas craft sale and tea. For information, call 228-5021. Lower Lounge, International House. 10 a.m. to 5 p.m.

Indonesian Festival

Festival of Indonesian dance, costume, arts, crafts and food, sponsored by the Institute of Asian Research. Asian Centre. 11 a.m. to 5 p.m.

Family Housing Film

World's Greatest Athlete. Auditorium, Student Union Building. 3 p.m.

Women's Volleyball

UBC vs. the University of Victoria. War Memorial Gymnasium. 6 p.m.

UBC Opera Theatre

An evening of opera, directed by French Tickner. Old Auditorium. 8 p.m.

Early Music Recital

Music of Frescobaldi and Gibbons, performed by Doreen Oke, organ and harpsichord. For ticket information, call 732-1610. Recital Hall, Music Building. 8 p.m.

SUNDAY, NOV. 27

Asian Studies/Deccan Cultural Society Concert. South Indian classical vocal music. Narayana Swami. Auditorium, Asian Centre. 7 p.m.

MONDAY, NOV. 28

Classics Illustrated Lecture

Like Mistress, Like Dog? Fourth Century B.C. Comedy in Southern Italy. Prof. Christopher Dearden, Classics, Victoria University of Wellington, New Zealand. Room D323, Buchanan Building. 12:30 p.m.

Mechanical Engineering Seminar

Form and Cavity Mold Making Using the Polyhedral Concept. C. Lau. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

TUESDAY, NOV. 29

Botany Seminar

The Cytogenetic Consequences of Spontaneous Cell Fusion in *Zea mays*. John Peeters. Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Oceanography Seminar

A Crack in the Ocean Bottom: Hot Vents Off the Coast of British Columbia. Dr. Verena Tunnicliffe, University of Victoria, and Dr. R. Chase, Geology and Botany, UBC. Room 1465, Biological Sciences Building. 3 p.m.

Chemistry Lecture

Recent Advances in Carbohydrate Chemistry. Prof. Walter A. Szarek, Chemistry, Queen's University. Room 250, Chemistry Building. 4 p.m.

Pacific Rim Lecture

The Economic Contribution of East Indians to British Columbia. Dr. Kamal Prasad, Institute of Asian Research, UBC. Room 604, Asian Centre. 4:30 p.m.

WEDNESDAY, NOV. 30

Obstetrics and Gynaecology Seminar

Ovarian Hyperstimulation Syndrome: Animal Studies. Dr. Sheila Pride, Obstetrics and Gynaecology, UBC. Room 2N9, Grace Hospital. 12 noon.

Pharmacology and Therapeutics Seminar

Ionic Conductances in the Motor Nerve Terminal. Dr. David Saint, Pharmacology and Therapeutics, UBC. Room 317, Block C, Medical Sciences Building. 12 noon.

Noon-Hour Concert

Music of Prokofiev, Bruch and Eugene Wilson, performed by Eric Wilson, cello and Thelma Wilson, piano. Recital Hall, Music Building. 12:30 p.m.

Anatomy Seminar

Interventional Techniques in Radiology. Dr. B. Ho, Radiology, Acute Care Unit, Health Sciences Centre Hospital. Room 37, Block B, Medical Sciences Building. 12:30 p.m.

Ethnic Studies Lecture

From Racism to Multiculturalism in British Columbia's Schools. Prof. N. Mary Ashworth, Education, UBC. Room A203, Buchanan Building. 12:30 p.m.

Geography Colloquium

Acid Rain. D. Steyn, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

Preventive Medicine Seminar

Lifestyle Management — A New Graduate Program Developed by the School of Physical Education. Patricia Vertinsky, Physical Education, UBC. Room 112, Mather Building. 4 p.m.

Comparative Literature Colloquium

Silent Speaking Words: Eluard Skvorecky, Sinclair Ross. Richard Cavell. Penthouse, Buchanan Building. 4:30 p.m.

Animal Resource Ecology Seminar

Testing for Optimal Foraging Speeds in Coho Salmon. Dr. Louis Giguere, Animal Resource Ecology, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, DEC. 1

Basketball

High school tournament. Continues on Friday, Dec. 2 and Saturday, Dec. 3. War Memorial Gymnasium. All day.

University Singers

Music of Brahms, Weisgarber, E. Wilson and Chatman, with James Fankhauser, director. Recital Hall, Music Building. 12:30 p.m.

Pharmaceutical Sciences Seminar

The Ca-ATPase Defect in Cystic Fibrosis. Dr. Michael Bridges, Pharmaceutical Sciences, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Geology Colloquium

Evolution of a Late Precambrian Rift Margin, Western Ogilvie Mountains, Yukon. Dr. R.I. Thompson, Geological Sciences of Canada, Cordilleran Division. Room 330A, Geological Sciences Building. 12:30 p.m.

Condensed Matter Seminar

Organic Superconductors. Edward Fenton, National Research Council, Ottawa. Room 318, Hennings Building. 2:30 p.m.

Physics Colloquium

Status of Neutrino Mass. Felix Boehm, California Tech. L.A. Room 201, Hennings Building. 4 p.m.

Social Work Colloquium

Ideology and Social Work: A Point of View. Prof. Ben Chud, Social Work, UBC. Lecture Hall A, School of Social Work. 4 p.m.

Zoology Seminar

Sperm Histone Diversity in the Vertebrates. Harold Kasinsky. Room 2000, Biological Sciences Building. 4:30 p.m.

SUB Films

48 Hours. Continues until Dec. 4 with shows at 7 and 9:30 p.m. on Friday and Saturday and at 7 p.m. on Sunday. Auditorium, Student Union Building. 7 p.m.

FRIDAY, DEC. 2

Contemporary Players

American chamber music, 1945 to present, with Stephen Chatman and Eugene Wilson, co-directors. Recital Hall, Music Building. 12:30 p.m.

Linguistics Colloquium

How to Think About and Talk to Babies in Quiche. Clifton Pye, Linguistics, UBC. Room D224, Buchanan Building. 3:30 p.m.

Scientific Research Society Meeting

Sigma Xi UBC Club presents an informal gathering and a slide-talk on Earthquakes by Prof. Robert Ellis, Geophysics, UBC. Music Room, Faculty Club. 4:30 p.m.

Women's Gymnastics

UBC vs. the University of Calgary. Gymnastics Gymnasium, Unit II, Osborne Centre. 6:30 p.m.

University Singers

Music of Brahms, Weisgarber, E. Wilson and Chatman, with James Fankhauser, director. Recital Hall, Music Building. 8 p.m.

Hockey

UBC vs. the University of Alberta Golden Bears. Thunderbird Winter Sports Centre. 8 p.m.

SATURDAY, DEC. 3

Women's Basketball

UBC vs. Belco Electric, Seattle. War Memorial Gymnasium. 6:30 p.m.

Contemporary Players

American chamber music, 1945 to present, with Stephen Chatman and Eugene Wilson, co-directors. Recital Hall, Music Building. 8 p.m.

Hockey

UBC vs. the University of Alberta Golden Bears. Thunderbird Winter Sports Centre. 8 p.m.

Notices . . .

Blood Donor Clinic

There will be a blood donor clinic on Nov. 28 at Totem Park Residence from 3 to 9 p.m.

UBC Observatory

The University telescopes atop the Geophysics and Astronomy Building are open for free public viewing every clear Saturday night from 7 to 11 p.m. Call 228-6186 for more information.

Books Autographed

Ontario writer Dennis Lee will be autographing his new children's book, Jelly Belly, at the UBC Bookstore Nov. 24, from 12:30 p.m. to 2 p.m.

FIRST CLASS MAIL

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