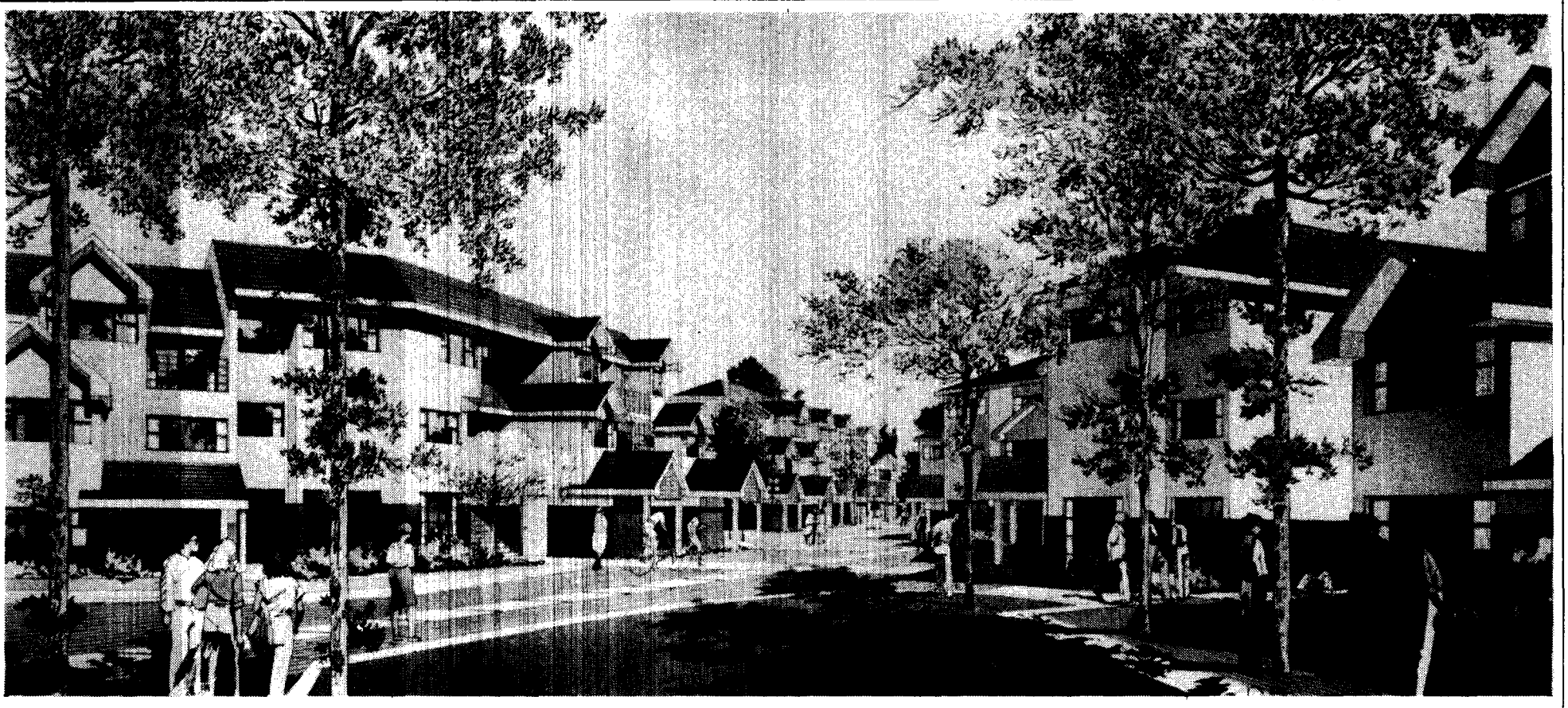
UBC REPORTS

Volume 30, Number 6

March 14, 1984



Units of proposed housing development in Acadia area of campus for single students will face onto a 'village street' that will have three entry points.

Robert Wyman

Wyman new chancellor

W. Robert Wyman, the head of one of British Columbia's major investment firms and chairman of the Canadian Chamber of Commerce, has been elected chancellor of the University of B.C.

He succeeds J.V. Clyne, who completes his second three-year term in June. A UBC chancellor may serve for only two terms.

Mr. Wyman, a 1956 graduate of UBC, defeated Stan Persky in the chancellorship balloting which was conducted by mail. All graduates of the University were eligible to vote.

Mr. Wyman is chairman of Pemberton, Houston, Willoughby Inc.

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

Gov't go-ahead sought for student townhouses in Acadia Park area

A townhouse development that will accommodate 801 single students, to be paid for with rental income, will be built at UBC if the provincial government approves.

The University's Board of Governors has asked Victoria for permission to borrow the $16 million estimated cost of the 191-unit complex that would be built on a 4.5-acre triangular site of vacant land bounded by Pearkes Road, Fairview Crescent and Agronomy Road in the Acadia Park area of the campus.

The townhouses would range from two to three storeys and each unit would contain four to six bedrooms. Occupants of each unit would share a common kitchen, living and dining area.

Graham Argyle, director of Facilities Planning at UBC, said the development could be ready for the 1985-86 school year, provided the provincial government gives its early approval.

In other housing news, the Board approved the calling of tenders for construction of the new low-rise addition to the Walter Gage Residence, which will accommodate a maximum of 234 students in 165 units.

The provincial government has authorized the University to borrow $5 million to finance construction of the unit. The balance of construction costs will be met from capital reserves generated by the Conference Centre.

No student housing has been built at UBC since 1967, and the townhouse development would still leave the University more than 2,000 bedrooms short of its objective of providing housing for 25 per cent of single student enrolment. UBC now has accommodation for fewer than 4,000 students.

Other recommendations approved by the Board at its March 1 meeting will affect room and rental rates in single- and married-student residence accommodation on campus.

- Daily room rates in single-student residences, with the exception of the low-rise unit of the Walter Gage Residence, will increase 2 per cent, effective Sept. 1. Surplus funds generated by the increase will be set aside as a contribution toward future asset replacement.
- Increases in rental rates for accommodation in the high-rise unit in Acadia Park will range from 10.2 per cent to 12.6 per cent. The increases will be effective May 1 for new tenants and July 1 for existing tenants.

Rental rates for the remaining Acadia Park accommodation — townhouses and President's Row units — will be subject to a dual rental-rate structure for one year. Present tenants will pay a smaller increase effective July 1 and will be given 15 months' notice before paying the full increase. New tenants will pay the higher rents effective May 1.

Effective July 1, current Acadia Park tenants will pay rents ranging from $300 to $370, depending on the level of accommodation, up from a range of $277-$313. From May 1, new Acadia Park tenants will pay rents ranging from $355 to $430 for the same accommodation.

- Rental rates for accommodation in Acadia Camp, except for those units renovated in 1983-84, will increase 15 per cent, effective Sept. 1.

Money available for 753 jobs

UBC has been allotted $903,600 for the employment of students this summer, enough to provide 753 two-month jobs at $600 a month.

Only $600,000 was provided last summer.

Projects may be initiated by either faculty or students, but the jobs must be supervised by a member of the University faculty or staff.

Under terms of the Youth Employment Program, the maximum subsidy available is $600 a month for two months, although departments may augment this. Departments hiring students are responsible for the payment of fringe benefits, approximately 8 per cent of salary.

Job application forms are available from department and faculty offices, and from the Student Counselling and Resources Centre.

Spring, Summer 'night' planned

An Admission and Advisors' Night for 1984 Spring and Summer Sessions will be held April 5, 6 to 8 p.m., in the main lounge of International House.

Extra-Sessional Studies will provide prospective and returning students with advice about their programs of study and registration. New students must produce their secondary school and post-secondary school transcripts.

Six ceremonies this year for graduation

There will be six graduation ceremonies at UBC this year instead of the usual three.

There will be morning and afternoon ceremonies in the War Memorial Gymnasium on May 30, 31 and June 1, starting at 9:30 a.m. and 2:30 p.m. each day.

The first ceremony will be for the conferring of graduate and undergraduate degrees in science. Honorary degrees will go to Henry P. (Budge) Bell-Irving, former Lieutenant-Governor of B.C., and Dr. Charles McDowell, who was head of the Department of Chemistry at UBC for 26 years.

Degrees in the Faculty of Arts will be conferred on the afternoon of May 30 — including family and nutritional sciences, music, fine arts and social work — and an honorary degree will go to Mstislav Rostropovich, internationally acclaimed conductor, cellist and pianist.

Thursday morning, May 31, degrees will be conferred in medicine, pharmaceutical sciences, dentistry, nursing and audiology and speech sciences. An honorary degree will be given to Kamloops-born Thomas Shoyama, former chairman of Atomic Energy Canada and a 1938 UBC graduate.

That afternoon, all education degrees will be conferred, including physical education and recreation, and the president of the International University in Tokyo, Saburo Okita, will receive an honorary degree.

The morning ceremony on June 1 is for graduates in agricultural sciences, engineering, forestry, architecture and community and regional planning. Leopold L.G. (Poldi) Bentley, vice-chairman of Canfor Corporation, will receive an honorary degree.

Degrees in law and commerce will be conferred Friday afternoon, June 1. Retiring Chancellor J.V. Clyne, who has conferred many thousands of degrees since becoming chancellor of UBC in 1978, will himself be honored by the university he graduated from more than 60 years ago. He will receive an honorary Doctor of Laws degree, to be conferred by George Pedersen, UBC's president and vice-chancellor.

Here is the full listing of the awarding of degrees:

Wednesday, May 30

9:30 a.m.

Ph.D. — Science
M.Sc. — Science
B.Sc.
Honorary degrees: Henry P. Bell-Irving; Dr. Charles McDowell.

2:30 p.m.

Ph.D. — Arts
— Family and Nutritional Sciences
— Music
D.M.A.
M.Sc. — Family and Nutritional Sciences
M.A. — Arts
— Family and Nutritional Sciences
M.F.A.
M.S.W.
M.Mus.
M.L.S.
M.A.S.
B.A.
B.F.A.
B.H.E.
B.Mus.
B.S.W.
Honorary degree: Mstislav Rostropovich.

Thursday, May 31

9:30 a.m.

Ph.D. — Audiology and Speech Sciences
— Medicine
— Pharmaceutical Sciences
M.Sc. — Audiology and Speech Sciences
— Medicine
— Pharmaceutical Sciences
— Dental Science
M.S.N.
M.D.
D.M.D.
B.S.N.
B.Sc.(Pharm.)
B.S.R.
B.M.L.Sc.
Honorary degree: Thomas Shoyama.

2:30 p.m.

Ph.D. — Education
Ed.D.
M.A. — Education
M.Ed.
M.P.E.
B.Ed. Elementary
B.Ed. Secondary
B.Ed. Special Education
B.P.E.
B.R.E
Honorary degree: Saburo Okita.

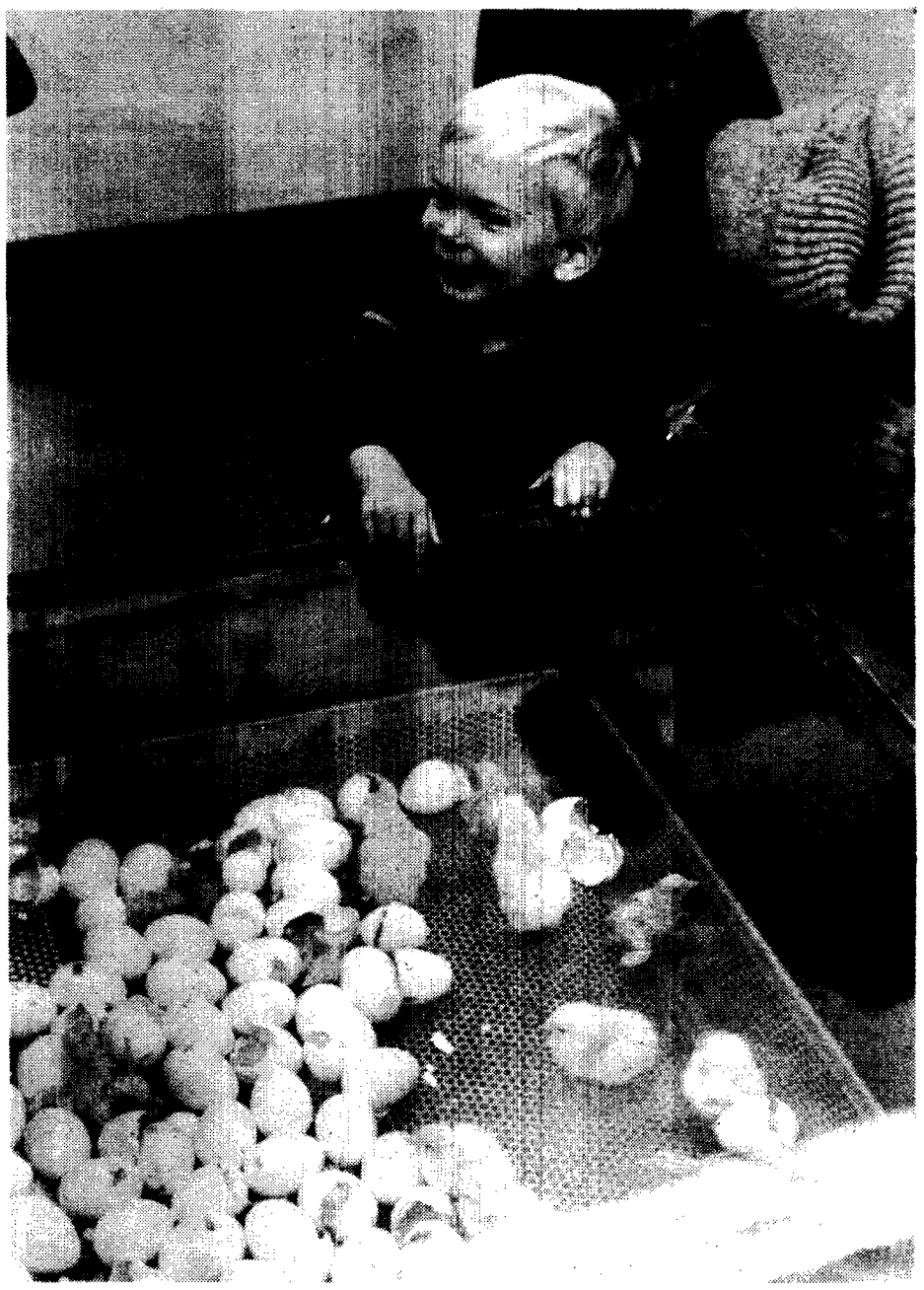
Friday, June 1

9:30 a.m.

Ph.D. — Agricultural Sciences, Engineering, Forestry, Community and Regional Planning, Interdisciplinary
M.Sc. — as above
M.A. — Community and Regional Planning, Interdisciplinary
M.A.Sc.
M.Eng.
M.A.S.A.
M.F.
B.Sc.(Agr.)
B.L.A.
B.A.Sc.
B.Arch.
B.S.F.
Honorary degree: Leopold (L.G.) Bentley

2:30 p.m.

Ph.D. — Commerce
M.Sc.(Bus.Admin.)
M.B.A.
LL.M.
B.Com.
Lic.Acct.
LL.B.
Honorary degree: J.V. Clyne



Open House brought many thousands of visitors to campus March 9, 10 and 11 as Agricultural Sciences, Forestry and Engineering set up more than 100 displays and exhibits. At top, newly-hatched chickens fascinate future Aggie student. Gold panning proved popular with future engineers, and a log-sawing competition in Forestry produced hundreds of paving slabs.

UBC CALENDAR

Calendar Deadlines

For events in the weeks of April 1 and 8, material must be submitted not later than 4 p.m. on Thursday, March 22. Send notices to Information Services, 6328 Memorial Road (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.

Saturday, March 17
The Chemistry of Evolution. Prof. Konrad Bloch, Chemistry, Harvard University.

Saturday, March 24
Medical Botany and the Environmental Challenge. Prof. George N. Towers, Botany, UBC.

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

MONDAY, MARCH 19

Cancer Research Seminar.
In Vitro Cytogenetic Studies in Chronic Myelogenous Leukemia (CML). Ian Dube, Terry Fox Laboratory, B.C. Cancer Research Centre. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Plant Science Seminar.
Landscape Preference: A Way of Understanding Landscape Perceptions. Prof. P.A. Miller, Landscape Architecture and Plant Science, UBC. Room 342, MacMillan Building. 12:30 p.m.

Hispanic and Italian Studies Lecture.
The Sonnets in Alberti's *Marinero en tierra*. Prof. R.G. Keightley, Monash University. Room B312, Buchanan Building. 12:30 p.m.

Japanese Literature Lecture.
Yasunari Kawabata. Prof. Katsuhiko Takeda, Waseda University. Room 604, Asian Centre. 2:30 p.m.

The Pedersen Exchange.
An opportunity for any member of the University community to meet with President George Pedersen to discuss matters of concern. Persons wishing to meet with the president should identify themselves to the receptionist in the Librarian's office, which is immediately to the left of the main entrance to Main Library. 3:30 to 5 p.m.

Hispanic and Italian Studies Seminar.
Monipodio's Realm (On Cervantes' *Rinconete y Cortadillo)*. Prof. R.G. Keightley, Monash University. Penthouse, Buchanan Building. 3:30 p.m.

Management Science Workshop.
Modeling Credit Unions. Prof. Jerry Kalberg, New York University. Room 413, Angus Building. 3:30 p.m.

Chemical Engineering Seminar.
Iterative Experimentation in a Multivariable System or, How a Chemical Engineer can get into Greasing Ferris Wheels. Prof. C. Oloman, Chemical Engineering, UBC. Room 206, Chemical Engineering Building. 3:30 p.m.

Mechanical Engineering Seminar.
Guidance and Control Algorithms for a Mobile Robot. H. Goergen. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar.
Theory for the Low-Frequency Variability and Persistence of Stationary Long Waves in the Atmosphere. Dr. Arthur Rosenthal, Mathematics, MIT. Room 229, Mathematics Building. 3:45 p.m.

Preventive Medicine Seminar.
Health and Welfare Canada's Health Promotion in the Western Region. Wayne Stryde, acting regional director, and Margo Palmer, program consultant, Health Promotion Directorate, Health and Welfare Canada. Room 253, Mather Building. 4 p.m.

Biochemical Discussion Group Seminar.
Biogenesis of Nuclear Coded Mitochondrial Enzymes: Mammalian Models and Mutants. Dr. Leon Rosenberg, Yale University School of Medicine. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

Zoology Physiology Group Seminar.
The Control of Birth. Dr. J.R.G. Challis, St. Joseph's Hospital Research Institute, University of Western Ontario. Room 2449, Biological Sciences Building. 4:30 p.m.

TUESDAY, MARCH 20

Botany Seminar.
Ecological Succession in Rocky Intertidal Surfgrass Beds. T. Turner, Zoology, Oregon State University. Room 3219, Biological Sciences Building. 12:30 p.m.

Forestry Seminar.
Economic Modeling of the Canadian Forestry Sector. Drs. S. Nilsson and P. Pearse, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Japanese Literature Lecture.
Yuko Tsushima – A Rising Woman Novelist in Today's Japan. Prof. Katsuhiko Takeda, Waseda University. Room 604, Asian Centre. 2:30 p.m.

Oceanography Seminar.
Bioenergetics of Symbiotic Coral Reefs. Prof. L. Muscatine, Biology, University of California, Los Angeles. Room 1465, Biological Sciences Building. 3 p.m.

Mathematics Colloquium.
TBA. Prof. William Davis, Mathematics, Ohio State University. Room 1100, Mathematics Building Annex. 3:45 p.m.

Chemistry Lecture.
Water and Aqueous Electrolytes: A Discussion of Simple Molecular Models. Prof. G. Patey, Chemistry, UBC. Room 250, Chemistry Building. 4 p.m.

Human Nutrition Seminar.
Vitamin B_{12} and Vegetarians. Rafida Idris, Human Nutrition, UBC. Room 120, Family and Nutritional Sciences Building. 4 p.m.

International House Films.
Enemy Alien and *Bamboo, Lions & Dragons*. Admission is free. International House. 7:30 p.m.

WEDNESDAY, MARCH 21

Pharmacology and Therapeutics Seminar.
Modeling Waves of Spreading Cortical Depression. Dr. Robert M. Miura, Mathematics, UBC. Room 317, Block C, Medical Sciences Building. 12 noon.

Anatomy Seminar.
Microheterogeneity of Membrane Ion Transport Properties: Morphometric and Isotope Flux Analysis of Frog Skeletal Muscle. Dr. Michael R. Menard, Anatomy, UBC. Room 57, Anatomy Building. 12:30 p.m.

Noon-Hour Concert.
Jeanne Baxtrasser, flute; Gerald Stanick, viola; and Rita Costanzi, harp. Recital Hall, Music Building. 12:30 p.m.

Philosophy Lecture.
Philoponus: A Revolution in Physics. Prof. R. Sorabji, Ancient Philosophy, King's College, University of London. Room A202, Buchanan Building. 12:30 p.m.

Geophysics/Geological Sciences Seminar.
Update on LITHOPROBE: Geoscience Studies of the Third Dimension. Prof. Ron M. Clowes, Geophysics and Astronomy, UBC. Room 260, Geophysics and Astronomy Building. 12:30 p.m.

History of Medicine/Biochemical Discussion Group Lecture.
Intermediary Metabolism Before the Krebs Cycle. Prof. Frederic L. Holmes, History of Medicine, Yale University. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Botany Seminar.
Colonization of Animal Cells by Symbiotic *Chlorella*. L. Muscatine, Biology, University of California, Los Angeles. Room 3219, Biological Sciences Building. 12:30 p.m.

Marketing Workshop.
Advertising and the Segmented Society: An Historical Analysis of Institutions and Segmentation Strategies of Advertising Agencies. Prof. Daniel Pope, History, University of Oregon. Room 319, Angus Building. 3:30 p.m.

Geography Colloquium.
The Greenhouse Effect and World Climate. T. Oke, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

Statistics Workshop.
Statistical Analysis of Cancer Incidence in the A-Bomb Survivors. Prof. Don Pierce, Statistics, Oregon State University. Room 223, Angus Building. 3:30 p.m.

Comparative Literature Colloquium.
Merrill and Freud: The Psychopathology of Eternal Life. Lorne Macdonald, English, UBC. Penthouse, Buchanan Building. 4:30 p.m.

Animal Resource Ecology Seminar.
Parental Behavior and Optimal Egg Sizes in Fish. Dr. Craig Sargent, Biological Sciences, SFU. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, MARCH 22

Psychiatry Lecture.
The Benzodiazepine Receptor. Dr. S. McKenzie, Hoffman La Roche, Canada. Room 2NA/B, Psychiatric Unit, Health Sciences Centre Hospital. 9 a.m.

English Lecture.
Marlow, Benvenuto Cellini and Renaissance Narcissism. Dr. Constance Kuryama, English, Texas Tech University. Sponsored by the Committee on Lectures. Room A203, Buchanan Building. 12:30 p.m.

History of Medicine/Biochemical Discussion Group Lecture.
Lavoisier and the Chemistry of Life. Prof. Frederic L. Holmes, History of Medicine, Yale University. Lecture Hall 5, Woodward Instructional Resources Centre. 12:30 p.m.

Librarianship Discussion.
The Life and Times of a Radical Writer and Publisher. Stan Persky, teacher, author and editor. Room 839, Main Library, 12:30 p.m.

UBC Choral Union and UBC Symphony Orchestra.
James Schell and Paul Douglas, conductors. Recital Hall, Music Building. 12:30 p.m.

Science, Technology and Society Lecture and Lunch.
Prof. Harold Kasinsky, Zoology, UBC, will speak on Disarming Chemical and Biological Weapons. Room D121, Buchanan Building. 12:30 p.m.

Anthropology/Sociology Lecture.
Immovable Wealth: Mauss' Legacy of the Maori Hau. Dr. Annette Weiner, Anthropology, New York University. Room 207/209, Anthropology and Sociology Building. 12:30 p.m.

Women Students' Office Film.
Killing Us Softly: a film showing advertising's image of women. Pre-register in Room 203 of Brock Hall. 12:30 p.m

Noon-Hour Travels with Zoologists.
Birds and Bugs in the Northern Yukon – Old Crow and Herschel Island. Richard and Sydney Cannings, curators, Vertebrate and Entomology Museums, Zoology, UBC. Room 2000, Biological Sciences Building. 12:30 p.m.

Religious Studies Lecture.
Byzantine Images and Amulets of the 9th Century: The Rationality of Christianized Magic. Prof. Anna Kartsonis, Fine Arts, University of Washington. Room 102, Lasserre Building. 12:30 p.m.

Geological Sciences Colloquium.
Geothermometry, Geobarometry and Dating of the Snowshoe Formation, N.W. of Quesnel Lake, B.C. J. Getsinger, Geological Sciences, UBC. Room 330A, Geological Sciences Building. 12:30 p.m.

Botany Seminar.
Ethnobiological and Chemical Investigations of Selected Amazonian Plants. W. Donald MacRae, Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Condensed Matter Seminar.
Hopping and Tunnelling: A New Look at Electron Motion in Oxides. Colin Hurd, National Research Council, Ottawa. Room 318, Hennings Building. 2:30 p.m.

Philosophy Seminar.
Matter Replaced by Space. Prof. R. Sorabji, Ancient Philosophy, King's College, University of London. Penthouse, Buchanan Building. 3:30 p.m.

Mathematics Colloquium.
On Martingale and Ergodic Theorems in Several Parameters. Prof. Louis Sucheston, Ohio State University. Room 1100, Mathematics Building Annex. 3:45 p.m.

Biochemical Discussion Group Seminar.
Intermediatry Metabolism before the Krebs Cycle. Prof. Frederic L. Holmes, History of Medicine, Yale University. Lecture Hall 6, Woodward Instructional Resources Centre. 4 p.m.

Physics Colloquium.
Contemporary Problems in Oceanography. Prof. P. LeBlond, Oceanography, UBC. Room 201, Hennings Building. 4 p.m.

Computer Science Colloquium.
A Method of Systematically Solving Synchronization Problems. Gregory Andrews, Computer Science, University of Washington. Room 301, Computer Sciences Building. 4:30 p.m.

SUB Films.
Mr. Mom. Continues until March 25 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.

Springboard.
Selected works presented by the dance students of the School of Physical Education and Recreation. Admission is $4; $3 for students and seniors. Tickets at the door. Frederic Wood Theatre. 8 p.m.

FRIDAY, MARCH 23

Obstetrics and Gynaecology Seminar.
Vasopressin and Blood Pressure Regulation. Dr. Catherine Pang, Pharmacology, UBC. Room 2N35, Grace Hospital. 12 noon.

Anthropology/Sociology Lecture.
Forgotten Wealth: Women and Cloth Production in the Pacific. Dr. Annette Weiner, Anthropology, New York University. Theatre Gallery, Museum of Anthropology. 12:30 p.m.

Audiology & Speech Sciences Lecture.
What Does the Study of Semantic Change Tell us About Cognition? Prof. Elizabeth Traugott, Linguistics, Stanford University. Sponsored by the Committee on Lectures. Room A100, Buchanan Building. 12:30 p.m.

Medical Genetics Seminar.
Genetic and Clinical Aspects of Epilepsy. Drs. K. Farrell and O. Suchowersky. Parentcraft Room, Grace Hospital. 1 p.m.

Philosophy Seminar.
Matter Replaced by Bundles of Qualities. Prof. R. Sorabji, Ancient Philosophy, King's College, University of London. Penthouse, Buchanan Building. 3:30 p.m.

Audiology & Speech Sciences/ Linguistics Colloquium.
Speech Act Verbs: A Historical Perspective. Prof. Elizabeth Traugott, Linguistics, Stanford University. Room D224, Buchanan Building. 3:30 p.m.

Royal Canadian College of Organists.
Genevieve (Lagace) Soly, organist. For ticket information, call 921-9060. Recital Hall, Music Building. 8:30 p.m.

SATURDAY, MARCH 24

UBC Choral Union and UBC Symphony Orchestra.
James Schell, director; and Paul Douglas, conductor. Recital Hall, Music Building. 8:30 p.m.

SUNDAY, MARCH 25

German Music and Poetry.
An evening of German music and poetry, featuring a program of German lieder with soprano Joni Alden and the works of poets Rainer Maria Rilke and Hermann Hesse. Tickets are $4 for adults, $2 for students and seniors, available at the door. For more information, call 228-3113. International House. 8 p.m.

MONDAY, MARCH 26

Cancer Research Seminar.
Turnover Control of Lysosomal Enzymes. Prof. Donald Robinson, Biochemistry, University of London. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Pharmaceutical Sciences Seminar.
Palmitate Oxidation in Rat Hearts Containing Elevated Levels of Coenzyme A. Dr. Gary Lopaschuk, Physiology, Milton S. Hershey Medical Center. Room 160, Cunningham Building. 12:30 p.m.

Plant Science Seminar.
Relationship Between Vegetation and Salinity in Chilcotin Wetlands. Christie Mayall, Plant Science, UBC. Room 342, MacMillan Building. 12:30 p.m.

The Pedersen Exchange.
An opportunity for any member of the University community to meet with President George Pedersen to discuss matters of concern. Persons wishing to meet with the president should identify themselves to the receptionist in the Librarian's office, which is immediately to the left of the main entrance to Main Library. 3:30 to 5 p.m.

Management Science Workshop.
More on Sufficient and Necessary Conditions for Constrained Maximization Problems. Prof. E. Diewert, Economics, UBC. Room 413, Angus Building. 3:30 p.m.

Chemical Engineering Seminar.
Development of Controlled-Release Devices for Pheromones. Dr. Axel Meisen, Chemical Engineering, UBC. Room 206, Chemical Engineering Building. 3:30 p.m.

Mechanical Engineering Seminar.
An Investigation of the Effects of Periodic Disturbances on a Flat-Plate Boundary Layer. R. Yip. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

Continued on Page 4

UBC CALENDAR

Monday, March 26

Continued from Page 3

Philosophy Seminar.
Can Two Bodies be in the Same Place? Prof. R. Sorabji, Ancient Philosophy, King's College, University of London. Penthouse, Buchanan Building. 3:30 p.m.

Applied Mathematics Seminar.
Spectral Methods for Two Dimensional Shocks. Dr. Liviu Lustman, NASA-Langley. Room 229, Mathematics Building. 3:45 p.m.

Immunology Group Seminar.
Autoreactive T Cell Lines and Clones Specific for Mouse Thyroglobulin. Dr. Brian Champion, Immunology, Middlesex Hospital Medical School. Room 237, Wesbrook Building. 4 p.m.

Biochemical Discussion Group Seminar.
Structure and Regulation of the *E. coli* RNA Polymerase Sigma Operon. Dr. Richard Burgess, University of Wisconsin. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

TUESDAY, MARCH 27

Asahikawa Choral Group from Japan.
Free noon-hour concert of Western choral music and traditional Japanese songs. Recital Hall, Music Building. 12:30 p.m.

Botany Seminar.
Physiological and Biochemical Aspects of Castor Bean Germination. H. Beevers, Biology, University of California, Santa Cruz. Room 3219, Biological Sciences Building. 12:30 p.m.

Oceanography Seminar.
Subarctic Pacific Ecosystem Research: Project SUPER. Prof. M.J. Perry, Oceanography, University of Washington, Seattle. Room 1465, Biological Sciences Building. 3 p.m.

Immunology Group Seminar.
Immunoregulation Using T Cell Clones. Dr. Trevor Owens, Zoology, University College, London. Room 237, Wesbrook Building. 4 p.m.

Psychology Lecture.
The Nature of Human Nature: Rituals, Roles, Cheaters, and Spoilsports. Prof. Robert Hogan, Psychology, University of Tulsa. Room A204, Buchanan Building. 4 p.m.

Human Nutrition Seminar.
Changing Food Patterns of Native Indians in B.C. Dr. Harriet V. Kuhnlein, Human Nutrition, UBC; and Changing Food Patterns of Migrants in Southern Brazil by Dr. Indrajit Desai, Human Nutrition, UBC. Room 120, Family and Nutritional Sciences Building. 4 p.m.

Chemistry Lecture.
Separation and Characterization of Macromolecules and Particles by Field-Flow Fractionation. Prof. J. Calvin Giddings, Chemistry, University of Utah. Room 250, Chemistry Building. 4 p.m.

Gerontology Lecture.
Concepts of Competency in Adulthood: The Case for Wisdom. Dr. Stephen Holliday, research officer, Gerontology Centre, SFU. Lecture Theatre 3, Woodward Instructional Resources Centre. 7 p.m.

Adult Education Colloquium.
Adult Education and the UNESCO World Conferences: Destination Unknown. Lim Hoy Pick, National University of Singapore and Gordon Selman and Roger Boshier, UBC. Adult Education Research Centre, 5760 Toronto Rd. 7:30 p.m.

International House Films.
Indigenous Art, The Colors of Pride, Eskimo Artist and *Bill Reid*. Admission is free. International House. 7:30 p.m.

UBC Opera Theatre.
The Beggar's Opera by Gay, Pepusch and Hultberg. French Tickner, director. For ticket information, call 228-3113. Old Auditorium. 8 p.m.

Frederic Wood Theatre.
Opening night of Bertolt Brecht's *The Good Woman of Setzuan*. Continues until Saturday, March 31. For ticket information, call 228-2678. Frederic Wood Theatre. 8 p.m.

WEDNESDAY, MARCH 28

Fine Arts Lecture.
Piero della Francesca and Renaissance Rome. Marilyn Lavin, Art History, Princeton University. Sponsored by the Committee on Lectures. Room 104, Lasserre Building. 11:30 a.m.

Pharmacology and Therapeutics Seminar.
Functional Disorders of the Renal Vasculature in Man. Dr. Henry Fung, Pharmacology and Therapeutics, UBC. Room 317, Block C, Medical Sciences Building. 12 noon.

Noon-Hour Concert.
Jane Coop, piano. Recital Hall, Music Building. 12:30 p.m.

Botany Seminar.
Productivity of Rocky Intertidal Macroalgae. J. Pecchioli, Bamfield Marine Station and Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Anatomy Seminar.
Recent Studies of Osteoarthritis. Dr. Paul Sabiston, Anatomy, UBC. Room 37, Anatomy Building. 12:30 p.m.

Geography Colloquium.
The Geography of Ethnicity and the 1849 Riot in Saint John, N.B. T.W. Acheson, History, University of New Brunswick. Room 201, Geography Building. 3:30 p.m.

Marketing Workshop.
Social Stratification and the Consumption of Culture: Hypotheses for Testing and Research Design. Prof. Robert F. Kelly, Commerce, UBC. Room 319, Angus Building. 3:30 p.m.

Psychology Colloquium.
How to Measure Personality. Prof. Robert Hogan, Psychology, University of Tulsa. Room 421, Angus Building. 4 p.m.

Geophysics Seminar.
Calculation of Complete Theoretical Seismograms in Vertically Varying Media Using Collocation Methods. Dr. Uri Ascher, Computer Science, UBC. Room 260, Geophysics and Astronomy Building. 4 p.m.

Animal Resource Ecology/Zoology Seminar.
The Evolution of Cooperation in Lions. Dr. Craig Packer, Zoology and Behavioral Biology, University of Minnesota. Room 2000, Biological Sciences Building. 4:30 p.m.

UBC Opera Theatre.
The Beggar's Opera by Gay, Pepusch and Hultberg. French Tickner, director. For ticket information, call 228-3113. Old Auditorium. 8 p.m.

THURSDAY, MARCH 29

Audiology and Speech Sciences Lecture.
On the Evolution of Human Language. Prof. Phillip Lieberman, Linguistics, Brown University. Sponsored by the Committee on Lectures. Room A100, Buchanan Building. 12:30 p.m.

Librarianship Discussion.
Career Strategies for Librarians: Traditional Skills in the Non-Traditional Market. Cheryl Young, The Learning Exchange. Room 839, Main Library. 12:30 p.m.

Fine Arts Lecture.
Bernini's Speaking Marbles. Prof. Irving Lavin, School of Historical Studies, Princeton University. Room 102, Lasserre Building. 12:30 p.m.

Pharmaceutical Sciences Seminar.
Metabolic Disposition of Chlorinated Diphenyl Ethers in Fish and Rats. Dr. Francis Law, SFU. Room 160, Cunningham Building. 12:30 p.m.

Geological Sciences Colloquium.
Phanerozoic Metamorphism and Accretion of Northern and Central California — The Terrane Concept Revisited. W.G. Ernst, Earth and Space Sciences, University of California, Los Angeles. Room 330A, Geological Sciences Building. 12:30 p.m.

Faculty Association Meeting.
Serge Joyal, Secretary of State, will speak on Funding Universities in the 80's. Room 100, Mathematics Building. 12:30 p.m.

China Seminar.
Wu Wenying's (1200?-1260?)) *yongwu ci*: Poem as Artifice and Poem as Metaphor. Grace Fong, Asian Studies, UBC. Penthouse, Buchanan Building. 3:30 p.m.

Mathematics Colloquium.
Some New Results in Nonlinear Optimization and Control. Prof. E. Galperin, Universite de Quebec. Room 1100, Mathematics Building Annex. 3:45 p.m.

Physics Colloquium.
Liquid Helium. D. Osborne, University of East Anglia. Room 201, Hennings Building. 4 p.m.

Psychology Lecture.
Misfortunes of Memory. Dr. Elizabeth Loftus, Psychology, University of Washington. Room A204, Buchanan Building. 4 p.m.

SUB Films.
The Year of Living Dangerously. Continues until April 1 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.

UBC Collegium Musicum.
John Chappell and John Sawyer, co-directors. Recital Hall, Music Building. 8 p.m.

Vancouver Semiotic Circle.
Text and Verbal Association in the Solomon Island. Dr. Catherine Tyhurst, anthropologist. Penthouse, Buchanan Building. 8 p.m.

FRIDAY, MARCH 30

Anthropology/Sociology Lecture.
The Fish and Ships Project. A. Muszynski, Anthropology and Sociology, UBC. Theatre Gallery, Museum of Anthropology. 12:30 p.m.

UBC Collegium Musicum.
John Chappell and John Sawyer, co-directors. Recital Hall, Music Building. 12:30 p.m.

Botany Seminar.
Chemical and Pharmacological Investigations of Some Amazonian Hallucinogenic Plants. D.J. McKenna, Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Medical Genetics Seminar.
Human Craniofacial Growth Associated with Palate Formation, and Relevance of Animal Cleft Palate Research. Dr. Virgina Diewert. Parentcraft Room, Grace Hospital. 1 p.m.

Linguistics Colloquium.
Discourse Modeling and Natural Language Interfaces. Richard S. Rosenberg, Computer Science, UBC. Room D224, Buchanan Building. 3:30 p.m.

UBC Opera Theatre.
The Beggar's Opera by Gay/Pepusch/Hultberg. French Tickner, director. For ticket information, call 228-3113. Old Auditorium. 8 p.m.

SATURDAY, MARCH 31

UBC Dance Club.
22nd Annual Gala Ball. For tickets, call 228-3248. Hellenic Centre, 4500 Arbutus St. 6 p.m. - 1 a.m.

UBC Opera Theatre.
The Beggar's Opera by Gay/Pepusch/Hultberg. French Tickner, director. For ticket information, call 228-3113. Old Auditorium. 8 p.m.

notices....

Asian Studies/Linguistics lecture series
Prof. George Cardona, chairman of the Department of Linguistics at the University of Pennsylvania, will give a series of four lectures on Indian Thought on Language and Grammar. **Thursday, March 22:** General Introduction and Background — Room A205, Buchanan Building, 12:30 p.m.; **Phonetics and Phonology** — Room A205, Buchanan Building, 1:30 p.m.; **Friday, March 23:** Principles of Grammatical Analysis — Room 33, Angus Building, 1:30 p.m.; Fiction and the Real — Room 33, Angus Building, 2:30 p.m. For more information, call 228-5728.

Fine arts exhibit
A Retrospective of William Kurelek's Paintings of the Land, 1961-1977 continues at the UBC Fine Arts Gallery until April 2. The gallery, located in the basement of the Main Library, is open from 10 a.m. to 5 p.m. Tuesday through Saturday.

Bookstore closed
The Bookstore will be closed Monday, April 2 and Tuesday, April 3 for annual inventory.

Canada Employment Centre
The Canada Employment Centre in Brock Hall will be accepting registrations for summer employment beginning Monday, March 19. These registrations will be used to refer students to both on-campus and off-campus jobs. For more information, call 228-4011.

Key desk moving
The Department of Traffic and Security is taking over the Key Desk from Physical Plant, effective April 2. Hours of service will be 8:45 a.m. to 4:15 p.m. and the new location will be in the Physical Plant Annex Hut 0-20, 6366 Biological Sciences Road. The name will change to Traffic & Security Key Control Centre, and the new phone number is 228-4174. On March 30, last day for the Key Desk at Physical Plant, no keys will be issued but returns will be accepted.

Woodward displays
Health in the Guatemalan Highlands and *Birds of the Philippines* are the subjects of exhibitions on display in the foyer of the Woodward Library.

Faculty Club exhibit
Silk screen prints of West coast sea and mountains by Helen Piddington are on display from March 5 to 31.

Museum of Anthropology
EXHIBITS: The Copper that Came from Heaven: Dance Dramas of the Kwakwaka'wakw, until April 8; Blood from Stone: Making and Using Tools in Prehistoric British Columbia, until April 29.
COPPER, SALMON, CEDAR: Three illustrated programs at 1, 2, and 3 p.m. on Sundays. Free with museum admission.
GUIDED WALKS: Guided walks of the museum's Coast Salish Collection with Native Indian guides. Wednesdays through Sundays, group bookings necessary, 228-5087.
IDENTIFICATION CLINICS: Free clinics on identification and preservation of artifacts and collectibles. March 27, April 24 at 7 p.m.
For more details on museum activities, call 228-5087.

Safety training seminar scheduled

The Workers' Compensation Board is offering a training seminar May 7 to 11 on how to conduct a safety program audit.

The purpose of a safety program audit is to identify the strengths and weaknesses of a department/area/building safety program and to recommend changes which will reduce the frequency and severity of wage-loss claims by employees.

The week-long seminar is offered free of charge at the Workers' Compensation Board, 6951 Westminster Highway, Richmond. If you wish to take part in the seminar, contact Susan Ostermann at 228-5811.

FIRST CLASS MAIL

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, associate editor, Jim Banham, contributing editor.