

UBC REPORTS

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"ACADEMIC INSURANCE" SOUGHT

Survey explains first-year enrolment drop

A survey carried out by the University of B.C. has cleared up some of the mystery surrounding this year's enrolment decline at the first-year level at UBC, Simon Fraser University and the University of Victoria.

Questionnaires were mailed by B.C.'s three public universities to more than 5,500 students classified as "no-shows" — students who were granted permission to register in September, 1984, but who chose not to attend. More than 50 per cent of the students who received questionnaires completed and returned them.

The results of the survey show that: More than 70 per cent of the

no-shows are enrolled in a post-secondary institution and the majority of the remaining 30 per cent have sought and found employment.

Of the no-shows who are enrolled at another institution, more than 15 per cent registered at a B.C. college or institute, 20 per cent went to a university outside B.C. and the remainder of the no-shows — 30 to 35 per cent — applied to more than one B.C. university and are now registered in one of the other universities.

The no-show survey also asked respondents to rank order up to five reasons for not attending the university to which they had been admitted. The

priority assigned to the reasons varied by the alternative course of action pursued by the student.

Those who enrolled at a B.C. college or institute listed "lower tuition elsewhere" and "not enough personal funds" as their prime reasons for not attending the university to which they were admitted.

Those who enrolled at a non-B.C. university listed "late notification of admission" and "program unavailable" as their prime reasons for choosing an out-of-province institution. (The option "program unavailable" refers to high demand programs which have enrolment quotas. Students who listed this option

applied for and were denied admission to the program of their choice).

For those not attending another post-secondary institution, the overwhelming reason was "not enough personal funds."

Asked if they planned to enrol at a B.C. university in the next two years, positive responses came from 66 per cent of those attending a B.C. college or institute, 16 per cent of those attending a non-B.C. university and more than 50 per cent of the remainder.

Dr. John Chase, director of the UBC administrative department that coordinated this university's survey, said the results clearly show that more students than ever before are taking out "academic insurance" by applying for admission to more than one university as the result of the introduction or tightening of enrolment quotas in a variety of university programs.

He said B.C. universities plan to grant conditional admissions to qualified applicants in May of this year for admission to the 1985-86 academic year that begins in September. This stems from the survey results which showed that a "significant number" of qualified students were lost to other provinces.

"Lateness of admission notification is, in large measure, attributable to the inability of the Provincial Ministry of Education to forward to the universities in a timely manner the results of the provincial grade 12 examinations," Dr. Chase says in his report.

The report also reveals that lack of sufficient personal funds was a major factor restricting the opportunity for many students to attend university.

"Where the lack of funds was substantial, students opted to seek employment, and those for whom lack of money was significant but not insurmountable opted to attend a local college or institute where fees are lower and where costs could be minimized by living at home," he said.

One surprising result of the survey is that the change this year in provincial financial aid that turned grants into loans was not identified by the no-shows as a primary reason for non-attendance at any of the universities, Dr. Chase said.

"Whether the no-shows subsumed the withdrawal of provincial bursary funds as part of their overall concern with adequacy of personal funds remains uncertain," he adds in his survey report.

The high rate of response by no-shows indicating that they plan to enrol at a B.C. university within the next two years "may well mean that universities should anticipate pressures for admission at other than the first-year level," Dr. Chase says in the final section of his report.

UBC's first-year enrolment in winter session day and evening programs was down 17.2 per cent and overall enrolment declined by 2.7 per cent to 26,212 headcount students.

Closer ties welcomed in Asia

"Exhausting, but very encouraging" is how President George Pedersen describes his recent trip to Asia, where he spent three weeks visiting universities and meeting with alumni and government representatives in Korea, Thailand, Singapore and Hong Kong.

The purpose of the visit was to strengthen contacts and improve relations between Canadian universities, particularly the three B.C. universities, and the institutions which form the Association of Southeast Asian Institutions of Higher Learning.

"In my view the trip was extremely successful," Dr. Pedersen said. "There was a great deal of enthusiasm on the part of Asian universities for increased involvement with UBC in terms of faculty and student exchanges and joint research projects."

In Korea Dr. Pedersen met with officials from Hanyang and Yonsei Universities to discuss exchange relationships. "Both universities expressed a desire to increase English language instruction at their institutions and indicated a strong interest in attracting Canadian students for Korean language instruction. Yonsei University hopes to train 7,500 students from around the world to act as interpreters at the 1986 Asia Games and the Olympic Games being held in Korea in 1988."

The president also visited Sung Kyun Kwan University, which recently signed an exchange agreement with UBC's School of Physical Education and Recreation, and met with representatives from the Korean Research Foundation, the Ministry of Education, the Korean Trade Association, and the Daewoo Corporation, a multi-national trading company. "I was particularly interested in encouraging support for UBC's

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No, Ruth Andersen of UBC's Museum of Anthropology isn't showing off accessories left over from her New Year's Eve party. The masks are part of a special exhibit currently on display at the museum entitled *Cedar: The Great Provider*.

UBC human rights expert wins first Bora Laskin fellowship

Douglas Sanders, a professor in UBC's law faculty and one of Canada's foremost authorities on aboriginal rights, is the first recipient of the Bora Laskin National Fellowship in Human Rights.

The fellowship, named for the late Chief Justice of the Supreme Court of Canada, was established last year to encourage research and the development of expertise in the field of human rights. The fellowship will enable Prof. Sanders to undertake a project on the development of standards for the treatment of indigenous populations in Canada and internationally.

"Canada is far more advanced than most countries in its treatment of indigenous populations," said Prof. Sanders, "but we generally don't see that unless we compare our standards with those of other nations." Prof. Sanders will be working with a special United Nations committee which is drafting an international declaration of principles for the treatment of aboriginal groups.

Prof. Sanders will be involved in research at UBC and in Ottawa and Geneva during his year-long leave of absence, which begins July 1.

CAMPUS PEOPLE

Prof. Peter Burns, dean of UBC's Faculty of Law, is one of 30 British Columbia lawyers who have been appointed Queen's Counsel (Q.C.) by B.C.'s Attorney-General Brian Smith. The title recognizes outstanding members of the legal profession.

A paper by **Prof. Anil Verma** of the Faculty of Commerce and Business Administration has been selected for presentation at the Second Berkeley Conference on Industrial Relations to be held in February. The paper, entitled "To Invest or Not to Invest: Relative Flow of Capital to Union and Nonunion Plants Within a Firm", was one of nine papers selected from 115 submissions.

Dr. K.D. Srivastava, head of the electrical engineering department, has been elected a fellow of the Institute of Electrical and Electronics Engineers. He received the honor in recognition of his "contributions to the understanding of breakdown mechanism in high-voltage vacuum and gaseous insulation, to electrical engineering education and to high-voltage engineering practice."

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Korean Studies program, which is offered through our Asian Studies department," Dr. Pedersen said.

In Bangkok Dr. Pedersen met with officials from several Thai universities, most notably Chulalongkorn University, and the Asian Institute of Technology. "UBC already has ties with Chulalongkorn University, but I'm sure there will be increased links between UBC and Thai universities, particularly in the area of petroleum engineering and related fields."

During his visit to Singapore the president signed an exchange agreement with the National University of Singapore and met with the director of the Institute of Southeast Asian Studies, a UBC alumnus. He also attended a conference of the Association of Southeast Asian Institutions of Higher Learning.

"Our High Commissioner, George Seymour, is very enthusiastic about an increased profile for UBC in Singapore and was extremely helpful to us during our stay," said Dr. Pedersen.

The president's final visit was to Hong Kong, where he met with representatives from Hong Kong University and the Chinese University of Hong Kong. "Both universities expressed a strong interest in being more closely linked with UBC," he said.

"There is definitely a great willingness and interest on the part of Asian universities as a whole to develop closer ties with Canadian universities," the president added. "I hope and expect that UBC will play a major role in strengthening those ties."

During his visit Dr. Pedersen also met with UBC alumni in Singapore and Hong Kong. Accompanying the president on parts of the CIDA-funded trip were Dr. Terry McGee, director of UBC's Institute of Asian Research and Dean Peter Burns of the Faculty of Law.

John McNeill appointed dean of Pharmaceutical Sciences

Dr. John H. McNeill has been appointed dean of UBC's Faculty of Pharmaceutical Sciences, effective Jan. 1. He succeeds Dr. Bernard E. Riedel, who retired Dec. 31.

Dr. McNeill, former associate dean for graduate studies and research in the faculty, has an international reputation for his work in the area of cardiac research. He has been the recipient of numerous research awards, including a Research Professorship Award from the Medical Research Council in 1981, the first such award ever made to a professor in a pharmacy school.

Dr. McNeill said he will have big shoes to fill.

"During his years as dean Dr. Riedel made this faculty the best pharmacy school in Canada. We easily do more research than any other, place a greater emphasis on graduate studies, and our students graduating with bachelor degrees are in strong demand.

"Our immediate plans are to strengthen even further our post-graduate program, particularly in clinical pharmacy, and to follow through on something Bernie began recently, development of a program in pharmacy administration."

Dr. Riedel, affectionately known in the faculty as "the godfather," guided the faculty as dean for the past 17 years. The nickname wasn't based on his methods, which are consensual, but on his occasional penchant for light suits, dark shirts and white ties, and his moustache and hair that make him a ringer for Marlon Brando in the film.

He quietly dismisses the job he has



John McNeill

done while dean.

"I came in at a time when it was possible for the faculty to develop and grow," he says.

When he graduated from the University of Alberta with a bachelor's degree in pharmaceutical sciences in 1943, he was one of only three graduating in the program.

"Pharmacists were typically trained in a two-year diploma program then. Professionally and academically, pharmaceutical sciences had only one

direction to go and that was up," he said.

Due largely to Dr. Riedel's efforts, the faculty is now the best in Canada by any measurement. Total value of research grants to the faculty this year as reported by the Medical Research Council — a rough measure of research quality — is almost \$900,000. Runner-up is the University of Alberta's pharmacy school with \$500,000.

At the same time the UBC faculty has the strongest clinical program for undergraduate students in Canada, exposing students to learning situations that involve patients. Dr. Riedel has also been Coordinator of Health Sciences for the past seven years. The Coordinator's Office is an administrative umbrella providing services to the health sciences at UBC — the Faculties of Dentistry, Medicine and Pharmaceutical Sciences, and the Schools of Nursing and Rehabilitation Medicine — and partially to some other UBC bodies such as the Schools of Family and Nutritional Sciences and Social Work and the Division of Clinical Psychology in the Department of Psychology.

Dr. Riedel and his wife plan to spend a year in Europe beginning this summer, travelling from a base at Oxford University.

Service held for former UBC dean

Dean emeritus Fredric H. Soward, whose 42-year career at UBC as a teacher and scholar made him one of Canada's best-known historians, died at the age of 85 on New Year's Day.

Dean Soward joined the UBC faculty in 1922, seven years after UBC opened its doors in the so-called "Fairview Shacks" in the shadow of the Vancouver General Hospital.

It was not until 1946, following a three-year leave of absence to serve as a special assistant in the federal Department of External Affairs, that Dean Soward became prominent in the administrative life of the University. Between 1946 and his retirement in 1964 he was director of international studies, director of Asian Studies (1956-61), head of the Department of History (1953-1963) and associate dean (1956-61) and dean (1961-64) of the Faculty of Graduate Studies.

A memorial service took place Monday (Jan. 7) at St. Anselm's Church on University Boulevard for Dean Soward, who is survived by two brothers, two sons and a daughter and by nine grandchildren and seven great grandchildren.

Dr. Alexander Hrennikoff, professor emeritus of civil engineering at UBC, died in Vancouver Dec. 31. He was 88.

He began his career at UBC in 1933 teaching structural mechanics and foundation engineering. Some of his students are now faculty members in UBC's civil engineering department.

Prof. Hrennikoff consulted on numerous B.C. engineering projects, including the present Granville Street bridge.

He is survived by his wife, Margaret, and son, George.

A funeral was held on Friday, Jan. 4 at the Simmons & McBride Mount Pleasant Chapel.

Media invited to meet faculty

The first in a series of informal receptions for members of the news media and faculty will be hosted by UBC President George Pedersen on Monday, Jan. 14.

The meetings are being organized by the University's community relations department.

"It is essential for the University to receive the understanding and support of the general public," said Dr. Pedersen. "Universities are unique institutions and many members of the public are understandably vague about the role of universities.

"For that reason and many others, universities must make a serious effort to inform members of the non-academic community about what we do. And the most cost-effective method of communicating with the public is through the mass media.

"UBC is the major intellectual resource of the province," said Dr. Pedersen. "We have to make the public aware of the value of UBC's research, public service and teaching to B.C. and to the country as a whole. We hope

these meetings with the media will facilitate a better understanding of UBC's contributions to the community."

Future meetings will involve different faculty members and other representatives of the news media.

Conference examines impact of data flows

A major conference on the impact of the information age on international commerce and trade, with a particular focus on the Pacific Rim, is being held at the Hotel Vancouver Feb. 21 and 22.

The conference, entitled Transborder Data Flows: Protectionism, Privacy, Politics and the Pacific Rim, is being sponsored by the Faculties of Law at UBC and the University of Victoria in conjunction with Riley Information Services in Toronto.

Keynote speakers and panelists for the meetings include government officials and chief business executives from across North America. For registration information, call 228-6731.

VOLUNTARY EARLY TERMINATION OF APPOINTMENT (Members of the Faculty Association Bargaining Unit)

The University is willing to discuss this matter with any faculty member, professional librarian, or program director. The compensation arrangements are based upon consideration of past service and years remaining until normal retirement date. The maximum sum in any one case is 24 months' salary and the University will make every effort to be flexible in accommodating an individual's preference for payment arrangements. Enquiries should in the first instance be directed to the Head or Director and then proceed to the Dean (Librarian or Director) and to the Associate Vice-President, Faculty Relations (or the Vice-President, Academic if the Associate Vice-President, Faculty Relations is unavailable). Members may wish to discuss the matter confidentially in the first instance with Dr. James Dybikowski (or, in his absence, with Dr. Robert H.T. Smith). Where the initial approach has been made to the Associate Vice-President, Faculty Relations, the discussion will be of a preliminary nature only; if the issue is to go further, the Head (or Director) and Dean (Librarian or Director, Centre for Continuing Education) must be involved.

A DAY IN A LIFE AT UBC

Research institute fosters links with Pacific Rim

The phone rings constantly, a steady stream of people flow in and out of the office, a seemingly endless number of projects are being organized simultaneously, and in the midst of it all Dr. Terry McGee, director of UBC's Institute of Asian Research, and his administrative clerk, Sabrina Yan, appear unflappable.

The Institute of Asian Research was established in 1978 and moved to the Asian Centre when it opened in 1981. With UBC's increasing focus on research related to the Pacific Rim, the Institute office is one of the busiest spots on campus. Terry McGee shares a typical day:

One of the main functions of the Institute is to develop and administer research projects related to Asian interests, so part of my day is spent preparing proposals and approaching faculty members who have the expertise to carry out the research. We have just completed a major research proposal for a study on Japan's economic impact on East Asia and the Pacific Rim, with particular emphasis on sectors which affect Canada. Understanding of contemporary Japan is very weak in Canada and I think that UBC, given the expertise of its faculty members and its geographical location, can offer leadership to the country in this area of research. The study will focus on overseas trade and investment, economic security in energy and commodities, technology transfer, food supplies and the internationalization of Japan's financial and information systems.

Another part of my day is spent organizing activities designed to encourage interaction among Asianists on campus. We sponsor regular seminar series, lectures and discussions throughout the year to bring people with similar research interests together. We also co-sponsor many events with off-campus organizations. For example, last September we held a colloquium for businessmen and government officials from across Canada on business opportunities in ASEAN countries, and in October we co-sponsored a seminar on Canada-China trade relations.

We also spend a fair amount of time organizing events of a non-academic nature. The Institute sponsors exhibitions of Asian art, films, music and dance



Terry McGee and Sabrina Yan

performances, lectures and other special events, and I think we've been successful in establishing a good reputation in the community as a centre for Asian activities. The Asian Centre is used frequently by groups such as the Canada Japan Society of Vancouver for events related to Pacific Rim interests.

Another time consuming task for Sabrina and myself is answering telephone queries. We receive about 30 calls a day from people wanting to know everything from the value of their Ming vase to the population of Afghanistan. If we are unable to assist the caller ourselves, we refer them to someone else who can.

One project that we're very proud of here is our newsletter, the *Asian Pacific Report*, which is published five times a year. The newsletter has developed steadily through the years. Last January we introduced a new masthead designed by Larry Sproul and Iain Arthy and began using typesetting which we think gives it a more professional look. I prepare some of the articles and check the copy, but most of the work is done by work-study students under Sabrina's supervision.

The newsletter has been well received in the community and the number of subscribers is increasing.

I think it's important that we take the initiative in establishing and maintaining contacts in the local Asian community and the Pacific Rim, and our activities at the Institute are geared toward this. I spend a lot of time conducting tours for visitors from Asia and others who are interested in the Asian Centre and its activities. I've also just returned from a visit to Singapore with President Pedersen for meetings with university officials.

Canada, particularly British Columbia, is becoming more and more involved with Pacific Rim countries. I think UBC is in a unique position to offer

guidance and expertise in a wide range of areas related to Pacific Rim activities. Although the University is in difficult times it is important that we do not lose this impetus.

Dr. McGee, an expert in the area of Third World urbanization, also holds a half-time appointment in UBC's Department of Geography.

Editor's Note: UBC Reports is collecting material for a story on UBC's connections with Asia in all faculties, departments and units. If there's something you feel should be included in the story, please drop a note in campus mail to Lorie Chortyk, community relations department.

Geriatrics expert joins UBC

Dr. Richard J. Ham has been appointed Mount Pleasant Legion Professor of Community Geriatrics at UBC, succeeding Prof. H. Clyde Slade, who retired July 1.

Dr. Ham also becomes associate professor and director of the community geriatrics division in UBC's family

practice department, and director of the short-term assessment and treatment centre at the Vancouver General Hospital.

Dr. Ham's position and his division's programs in teaching, research and patient service are made possible through a large endowment from the Mount Pleasant Branch No. 177 of the Royal Canadian Legion.

Before coming to UBC, he was coordinator of clinical services at the Suncoast Gerontology Centre and associate professor in the family medicine department of the University of South Florida.

Dr. Ham is editor of the *Geriatric Medicine Annual* for primary care physicians and has served on the board of directors of a number of professional bodies.

Apples for sale

If you didn't get the personal computer you asked for this Christmas, read on. There's still hope.

UBC has signed an agreement with Apple Canada Inc. to make Apple's personal computers available to full-time students, faculty and administrative staff, and to campus departments at a cost 30 per cent below list price.

The program is being administered by the UBC Bookstore's Computer Shop, which will handle the financial transactions and hardware, and the Computing Centre, which will advise users and provide technical and systems support.

Calendar to keep previous format

Does a newspaper have the prerogative to change its mind?

In our last issue we announced our intention to reduce the length of our calendar of events in order to meet requests for more news content in *UBC Reports*. Since then, we've received a number of letters from faculty members indicating that the listing of research seminars is an essential means of communication between researchers in different disciplines across campus and should remain as part of the Calendar. In view of the response from our readers, we'll continue to list research seminars.

Because of budget restraints we are limited to a 4-page newspaper published every two weeks. Our decisions on what to include in the paper are based on what we feel is of interest or importance to the general campus community. Unfortunately we can't please everyone. If there is something that you feel deserves mention in *UBC Reports*, please give us a call at 228-3131.

UBC CALENDAR

CALENDAR DEADLINES

For events in the weeks of Jan. 27 and Feb. 3, material must be submitted not later than 4 p.m. on Thursday, Jan. 17. Send notices to UBC Community Relations, 6328 Memorial Road (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.



Saturday, Jan. 26

Asian Archaeology: Recent Discoveries. Prof. Richard Pearson, Anthropology, UBC.

Lecture Hall 2, Woodward Instructional Resources Centre. 8:15 p.m. Admission is free.

**SUNDAY, JAN. 13
UBC Symphony Orchestra & The Vancouver Youth Orchestra.**

Kazuyoshi Akiyama, conductor. Chun Park, piano. Prokofiev, "Piano Concerto #3" and music of Schubert and Wagner. For further information, call 875-1664. Old Auditorium. 2:30 p.m.

MONDAY, JAN. 14

The Pedersen Exchange.

The Pedersen Exchange is cancelled today. The exchanges normally take place at 3:30 p.m. each Monday in the Main Library.

Mechanical Engineering Seminar.

Rotating Cylinder Boundary Layer Control. F. Mokhtarian. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

Management Science Seminar.

On Some Cost and Revenue Allocation Problems Arising in Mathematical Programming Models. Daniel Granot. Room 426, Angus Building. 3:30 p.m.

Applied Mathematics Seminar.

Opportunities for Mathematical Research in Resource Economics. Dr. Jon M. Conrad, Agricultural Economics, Cornell University. Room 229, Mathematics Building. 3:45 p.m.

Biochemical Discussion Group.

Calcium-Binding Protein in the CNS: Distribution and Possible Functions. Dr. Kenneth G. Baimbridge, Physiology, UBC. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

Cinema 16.

Throne of Blood. Admission is \$2. Auditorium, Student Union Building. 6:30 and 8:30 p.m.

TUESDAY, JAN. 15

Botany Seminar.

Responses of Eelgrass to Habitat Alteration: A Biologist Looks at Resource Management. P.G. Harrison, Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Chemistry Lecture.

Intercalation of Graphite by Fluorides and Fluorine: Thermodynamic, Structural and Physical Aspects. Neil Bartlett, Chemistry, University of California, Berkeley. Room 250, Chemistry Building. 1 p.m.

Statistics Workshop.

Nonparametric Sequential Fixed Width Confidence Intervals Based on Generalized Order Statistics. Prof. R. Serfling, Johns Hopkins University. Room 101, Ponderosa Annex C. 3:30 p.m.

Oceanography Seminar.

Tozo Wilson and Bowie Seamants: The Geochemistry and Tectonic Significance of "Mantle Plume". Brian Cousens. Room 1465, Biological Sciences Building. 3:30 p.m.

WEDNESDAY, JAN. 16

Forestry Seminar.

The Case for Investing in Forest Renewal and Stand Tending. Mr. F.L.C. Reed, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Noon-Hour Concert.

Malcolm Troup, piano. Recital Hall, Music Building. 12:30 p.m.

Lipid and Lipoprotein Group Mini-Symposium.

Biochemistry and Physiology of the LCAT Reaction: Activators, Inhibitors, and Cholesteryl Ester Transfer Complex. Dr. Christopher Fielding, University of California, San Francisco; Pathology of the LCAT-Deficiency. Dr. J. Frohlich, Pathology, UBC; Molecular Genetics of LCAT and Other Proteins of Lipoprotein Metabolism. Dr. Stephen Humphries, St. Mary's Hospital, London, England. Conference Room S168, Acute Care Unit, Health Sciences Centre Hospital. 2 to 5 p.m.

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UBC CALENDAR

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Geography Colloquium.

The Greening of British Columbia. Adriane Carr, Geography, Vancouver Community College, and President, Green Party of B.C. Room 201, Geography Building. 3:30 p.m.

Friends of the Geological Museum.

This informal gathering will meet in Room 135 of the Geological Museum. Dr. Hugh Greenwood, head of the Department of Geological Sciences at UBC, will present a program entitled "A Matter of Insight" which will survey the challenges facing the research geologist. All are welcome with a donation at the door of \$2.50 per person or \$4 for couples. Children and students admitted free. Seating is limited and on a first-come, first-served basis. For more information, call Joe Nagel at 228-5586. 8 p.m.

Frederic Wood Theatre.

The Frederic Wood Theatre presents Moliere's **The Imaginary Invalid** Jan. 16 to 26, except Sunday. For ticket information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre. 8 p.m.

THURSDAY, JAN. 17

Medical Grand Rounds.

Clinical Relevance of Recent Developments in Molecular Genetics. Dr. William Kelley, professor and chairman, Internal Medicine, University of Michigan. Room G279, Acute Care Unit, Health Sciences Centre Hospital. 12 noon.

Religious Studies Forum.

Religion, Economics and Social Responsibility. Prof. Gregory Baum, St. Michael's College, University of Toronto and Dr. Michael Walker, Director of the Fraser Institute. Room A104, Buchanan Building. 12:30 p.m.

Condensed Matter Seminars.

LEED Studies of Structures and Phase Transitions of Adsorbed Layers. Sam Fain, University of Washington. Room 318, Hennings Building. 2:30 p.m.

Environmetrics Seminar.

Spatial Variations in the Availability of Solar Energy: Sensors, Satellites, Sampling, and Statistics. Prof. John E. Hay, Geography, UBC. Room 225, Mathematics Building. 3:30 p.m.

Physics Colloquium.

Molecular Motion of Supercooled Liquids: A Profusion of Slow Motions. Daniel Kivelson, Chemistry, University of California at Los Angeles. Room 201, Hennings Building. 4 p.m.

CUSO Development Education Series.

First session of a nine-week series of films, discussions and speakers on topics related to international development. Free admission. International House. 7:30 p.m.

FRIDAY, JAN. 18

English Lecture.

Dickinson's — An Apologia for Poetry. Prof. E.D. Blodgett, Comparative Literature, University of Alberta, Edmonton. Sponsored by the Committee on Lectures. Room B313, Buchanan Building. 12:30 p.m.

Hewitt Bostock Memorial Lecture.

The Impact of Marxism on the Thought of John Paul II. Prof. Gregory Baum, St. Michael's College, University of Toronto. Room A102, Buchanan Building. 12:30 p.m.

Medical Genetics Seminar.

Analysis of Polygenic Hyperlipidemia by Recombinant DNA Techniques. Dr. Stephen Humphries, St. Mary's Hospital, London, England. Parentcraft Room, Grace Hospital. 1 p.m.

Ethnic Studies Lecture.

Ethnicity and the Media. The Honorable Jack B. Murta, Minister for Multiculturalism, Ottawa. Graduate Student Centre. 1 p.m.

Adult Learning Disabilities Seminar.

Identifying and Treating Learning Disabilities of Federal Inmates: From Theory to Practice. Dr. Peggy Koopman, Education, UBC. Adult Education Research Centre, 5760 Toronto Road. 1:30 p.m.

Women's Basketball.

UBC vs. the University of Saskatchewan. War Memorial Gym. 6:45 p.m.

Wrestling.

UBC vs. Oregon Institute of Technology. Gym E, Osborne Centre. 7:30 p.m.

Purcell String Quartet.

Works by Mozart and Canadian composers. For information and tickets, call 980-1854. Recital Hall, Music Building. 8 p.m.

SATURDAY, JAN. 19

Women's Basketball.

UBC vs. the University of Alberta. War Memorial Gym. 6:45 p.m.

Vancouver Society for Early Music.

Bach's Leipziger Chorale. For ticket information, call 732-1610. Recital Hall, Music Building. 8 p.m.

MONDAY, JAN. 21

English Lecture.

Alchemical Reference and Theologico-Political Implication in Some 17th Century Poems. Prof. Alan Rudrum, English, Simon Fraser University. Sponsored by the Committee on Lectures. Room B313, Buchanan Building. 12:30 p.m.

The Pedersen Exchange.

An opportunity for members of the University community to meet with President George Pedersen to discuss matters of concern. People 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.

Geography Colloquium.

Health and Geography. Neil McGlashan, University of Tasmania. Room 201, Geography Building. 3:30 p.m.

Mechanical Engineering Seminar.

Band Mill Saw Blades by J. Taylor and Automatic Control of a Wave Maker by S. Hodge. Room 1201, Civil and Mechanical Engineering Building. 3:30 p.m.

Management Science Seminar.

Forecasting Client Transfers in a Long-Term Care Program. Daniel Lane, doctoral student. Room 426, Angus Building. 3:30 p.m.

Applied Mathematics Seminar.

Wave-Mean Flow Interaction in the Atmosphere. Dr. Kevin Hamilton, Oceanography, UBC. Room 229, Mathematics Buildings. 3:45 p.m.

Biochemical Discussion Group Seminar.

Speculation on Aging. Dr. Gordon Tener, Biochemistry, UBC. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

Cinema 16.

Daisies. Admission is \$2. Auditorium, Student Union Building. 6:30 and 8:30 p.m.

TUESDAY, JAN. 22

Botany Seminar.

The Mechanism and Regulation of Cellulose Biosynthesis in Bacteria, Algae, and Higher Plants. D. Delmer, ARCO Plant Cell Research Institute, Dublin, California. Room 3219, Biological Sciences Building. 12:30 p.m.

Chemistry Lecture.

Archimedes, Black Holes and the Second Law of Thermodynamics. William G. Unruh, Physics, UBC. Room 250, Chemistry Building. 1 p.m.

Electrical Engineering Seminar.

Teledon Update. Dr. John Madden, President, New Media Technologies Ltd., Vancouver. Room 402, McLeod Building. 1:30 p.m.

Oceanography Seminar.

The Australian Coastal Experiment: A Search for Coastally-Trapped Waves. Dr. Howard Freeland, Institute of Ocean Sciences, Sidney, B.C. Room 1465, Biological Sciences Building. 3:30 p.m.

WEDNESDAY, JAN. 23

Forestry Seminar.

Ecological Land Classification: A National Perspective. Dr. Jean Thie, Director, Land Resources & Data Systems Branch, Environment Canada. Room 166, MacMillan Building. 12:30 p.m.

Noon-Hour Concert.

William Aide, piano. Music of Liszt and Chopin. Recital Hall, Music Building. 12:30 p.m.

THURSDAY, JAN. 24

John F. McCreary Lecture.

The Graying of North America: What Should be the Health Professions Response to an Aging Population? Dr. John C. Beck, director, Multicampus Division of Geriatric Medicine, School of Medicine, UCLA. Lecture Hall 2, Instructional Resources Centre. 12:30 p.m.

Faculty Recital.

John Rudolph, percussion. Recital Hall, Music Building. 12:30 p.m.

Condensed Matter Seminar.

Semi-Insulating GaAs—A Search for Critical Defects. F.L. Weichman, University of Alberta. Room 318, Hennings Building. 2:30 p.m.

Physics Colloquium.

"1/f Noise" in Solids. James F. Carolan, Physics, UBC. Room 201, Hennings Building. 4 p.m.

Psychology Lecture.

The Magic Number Five, Plus or Minus Two: The Dimensionality of Personality Descriptions. Dr. Lewis Goldberg, Psychology, University of Oregon and Oregon Research Institute. Room 2510, Douglas T. Kenny Building. 4 p.m.

FRIDAY, JAN. 25

Habitat Lecture.

Change or Chance: Dynamics of Urban Form and Spatial Structure: A Comparative Study of the Internal Structure of Selected Canadian Cities. Prof. Larry S. Bourne, Centre for Urban and Community Studies, University of Toronto. Room 102, Lasserre Building. 12:30 p.m.

Music Lecture.

Speaker is noted Canadian composer Istvan Anhalt, Queen's University. Room 113, Music Building. 12:30 p.m.

Medical Genetics Seminar.

Rubella Virus Persistence in Humans. Dr. Janet Chantler, Medical Microbiology, UBC. Parentcraft Room, Grace Hospital. 1 p.m.

Hockey.

UBC vs. the University of Calgary. Thunderbird Winter Sports Centre. 7:30 p.m.

Purcell String Quartet.

Featuring works by Mozart and Canadian composers. For ticket information, call 980-1854. Recital Hall, Music Building. 8 p.m.

SATURDAY, JAN. 26.

Hockey.

UBC vs. the University of Calgary. Thunderbird Winter Sports Centre. 7:30 p.m.

Notices...

Fitness classes

Fitness classes can be arranged for those of low fitness level who prefer a small group or individual approach to fitness development. This opportunity is made possible through a Work Study Program. For more information, please call 738-9490.

Language Programs

French, Spanish, Japanese, Cantonese and Mandarin non-credit conversational programs begin the week of Jan. 21. A Saturday morning class in language teaching techniques is also available. For more information, contact Language Programs and Services, Centre for Continuing Education, at 222-5227.

Faculty-staff exercise class

Takes place Mondays, Tuesdays and Thursdays from 12:30 to 1:05 p.m. in Gym E of the Robert Osborne Centre. Instructor is S. Brown. For details, call 228-3996.

GRANT DEADLINES

FEBRUARY

(Deadline date in brackets)

- Alcoholic Beverage Medical Research Fdn. — Research (1)
- AUCC: National Defence Program — Fellowships: Strategic Studies (1) — PDF: Military History (1)
- Australian Inst. Nuclear Science & Engineering — AINSE Research Fellowship (28)
- Cancer Research Society Inc. — Fellowships (15) — Research (15)
- Deutscher Akadem. Austauschdienst (DAAD) — Study Visits of Foreign Academics (1)
- Distilled Spirits Council of US — Grants-in-aid for research (1)
- Educational Research Inst. of B.C. (ERIBC) — ERIBC Major Research Grant (1)
- Environment Canada: Wildlife Service — University Research Support Fund Program (17)
- Health & Welfare Canada: Welfare — National Welfare: Senior Research Fellowship (1)
- Hereditary Disease Foundation — Research (1)
- International Copper Research Assn. — Research Contract (15)
- International Development Research Centre — South-North Research Awards In Education (28)
- MRC: Awards Program — MRC Scholarship (1)
- MRC: Grants Program — Grants-in-aid—NEW (1) — Major Equipment (1)
- National Cancer Institute of Canada — Career Award Appointments (1) — Training and Study Awards (1)
- National Huntington's Disease (US) — Postdoctoral Research Fellowships (15)
- National Multiple Sclerosis Soc. (US) — Junior Faculty Awards (1) — Postdoctoral Fellowships (1) — Research (1)
- NSERC: Vector Computer Facility — Dorval Vector Access (1)
- Royal Bank — Royal Bank Award (28)
- Royal College of Physicians and Surgeons — H.K. Detwiler Travel Fellowships (28)
- Scottish Rite Schizophrenia Prog. — Research Grant (1)
- Secretary of State (B.C. Branch) — Women's Program Grant (1)
- Sigma Delta Epsilon Women in Science, Inc. — Research (1)
- Spencer, Chris Foundation — Foundation Grants (28)
- SSHRC: Strategic Grants Division — Canadian Studies: Research Tools (1)
- US Dept. of Health, Educ. & Welfare — Small Grants Program (1)
- University of New Brunswick — Postdoctoral Fellowship (10)
- Weizmann Inst. of Science — Joseph Meyerhoff Fellowship (28)
- Whitehall Foundation, Inc. — Research (1)

First Class Mail

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