

UBC REPORTS

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\$500,000 grant benefits UBC humanities

A \$500,000 grant to UBC from the Vancouver Foundation for the support of the humanities will be used to purchase library materials, fund short-term teaching appointments at the graduate and undergraduate levels and provide support for pre- and post-doctoral students.

UBC has received half of a \$1 million humanities grant from the Vancouver

Foundation, the private charitable organization established in 1943 which now has assets of approximately \$110 million. Simon Fraser University and the University of Victoria will each receive \$250,000 from the foundation.

UBC's President, Dr. Douglas Kenny, said the University was deeply grateful to the foundation for its grant, which he

described as "both timely and significant."

The disciplines which make up the humanities, President Kenny said, are the cornerstone of the Faculty of Arts at UBC and essential to the concept of a liberal education. They include history, philosophy, religious studies, languages and literature.

"In a period of financial retrenchment

and increasing emphasis on career-oriented university programs, the trustees of the Vancouver Foundation have had the wisdom and foresight to provide support for academic studies which are essential to the mission of this University."

Dean Robert Will, head of UBC's Faculty of Arts, said initial discussions within his faculty had identified four areas where support was needed to strengthen studies in the humanities.

He said he anticipated that expenditures of \$100,000 or more would be made in each of the following areas in 1983-84.

1. The University Library. Dean Will characterized books and periodicals as "the stock in trade" of studies in the humanities, providing for the present and future needs of both students and scholars.

"Retrenchment, inflation and the declining value of the Canadian dollar have all taken their toll on the Library's budget for purchases in recent years," Dean Will said, "and book acquisitions in particular have fallen drastically."

2. Part of the Vancouver Foundation grant will also be used to appoint sessional lecturers and teaching assistants on a temporary basis to reduce class sizes in humanities subjects and to resume instruction in a few areas where it has ceased or is about to cease.

3. The arts faculty will also use part of the grant to bring to UBC senior or well-established academics to assist in graduate teaching and supervision in areas which need to be strengthened as the result of the retirement or resignation of senior faculty members.

4. The Vancouver Foundation grant would also be used to appoint post-doctoral teaching fellows and pre-doctoral research assistants.

Appointments in both categories relate to the need to encourage university-level teachers who will be needed in the future to replace retiring faculty members, Dean Will said.

At present, there are very few jobs for newly graduated Ph.D.'s, he said, and the foundation grant would enable UBC to hire up to five post-doctoral teaching fellows who would be engaged in research in association with a faculty member while holding a teaching post.

A number of research assistantships would be offered to pre-doctoral graduate students in the humanities as well, Dean Will said.

Appointments made in these categories are intended to bring opportunities in the humanities into line with those in the natural sciences, Dean Will said.

In announcing the grants, Vancouver Foundation executive director Dr. J. David McGann said the foundation's board, at its final 1982 meeting, "looked at available funds in the light of major concerns we've had about the economic problems facing universities, especially as they affect studies in languages, history, philosophy and the other courses in the humanities, which are not only at the traditional core of university learning but which are also the basis for all other higher education.

"The importance to the community over the long pull of maintaining these programs of study, backed by strong library resources, is something our board did not want to see overlooked at this time."



Five works by virtually unknown baroque composers will be revived at an 8 p.m. concert tomorrow (Thursday) in UBC's Music Building by an ensemble led by Prof. Paul Douglas of the music department. Details on Page 3.

UBC enrolment at all-time high

UBC's 1982-83 winter session enrolment stands at an all-time high of 27,309 students, a 2.46 per cent increase over last year, when 26,651 students were enrolled.

The winter session total is made up of 24,671 daytime students, 1,160 undergraduate extra-session students who take courses offered in the late afternoon and evening, and 1,478 students who are registered for correspondence courses offered by Guided Independent Study in the UBC Centre for Continuing Education.

The 24,671 students registered for the daytime winter session represent an increase of 792 students, or 3.3 per cent, over 1981-82, when 23,879 were enrolled.

The ratio of men to women in the daytime student body in 1982-83 altered only slightly compared to last year. This year, men make up 53.25 per cent of the enrolment total compared to 53.03 last

year, while the percentage of women enrolled for the daytime winter session declined slightly this year as compared to last from 46.92 to 46.74.

UBC's grand total of 27,309 students is made up of 23,578 undergraduates (an increase of 1.89 per cent or 438 students over 1981-82) and 3,731 graduate students (an increase of 220 students or 6.2 per cent over last year).

The enrolment total is made up of 20,690 (75.76 per cent) full-time students and 6,619 (24.36 per cent) part-time students who are registered for 11 units or less.

Many of UBC's basic degree programs in arts, science and applied science showed healthy enrolment increases in 1982-83.

The number of students enrolled for engineering degree programs is up 7.4 per cent from 1,724 to 1,853 students; the

number of students enrolled for Bachelor of Arts degree programs is up by 6.9 per cent or 340 students over last year; enrolment in the Bachelor of Medicine degree program is up 7.94 per cent, partly as the result of an increase in the size of the first-year class from 120 to 130 students; and Faculty of Science enrolment is up 7.05 per cent from 3,616 students last year to 3,871 in 1982-83.

Here are faculty-by-faculty enrolment totals for the daytime winter session (1981-82 totals in brackets):

Agricultural Sciences — 394 (395); Applied Science, including architecture and nursing — 2,560 (2,425); Arts, including home economics, librarianship, archival studies, social work and diploma

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Major changes may be coming

Two UBC committees have been established to recommend changes in the University Act, the provincial legislation that outlines the makeup and powers of governing bodies at B.C.'s public universities.

The committees are a response to signals from Victoria that the government may propose major changes in the act, possibly during the spring session of the B.C. Legislature.

Dr. Patrick McGeer, the provincial minister of universities, science and communications, has already received one submission for changes in the act from the Universities Council of B.C., the intermediary body that stands between the public universities and the provincial government.

That submission, based partly on interviews conducted by a Council member with the presidents of the three public universities, is described as "cosmetic" and chiefly concerned with "housekeeping matters," by Council chairman Dr. William C. Gibson.

He told *UBC Reports* that the minister had now indicated to the Council that an extensive overhaul of the act was planned. Dr. Gibson said another round of discussions would be carried out with university presidents by Council member Mrs. Rendina Hamilton, who prepared the earlier report submitted to Victoria.

Dr. Gibson declined to speculate on what sections of the act were under consideration for revision or why the government felt it was necessary to revise the present act, which came into force in 1974.

The first indication that the government was planning to amend the act came last summer when Dr. McGeer publicly invited suggestions for changes.

UBC's response to the call for recommendations for changes has been to establish committees by President Douglas Kenny and by the UBC Senate, which approved formation of an ad hoc committee at its December meeting.

The six-member presidential advisory committee is chaired by Dean Peter Burns of the Faculty of Law. Other members are Dean Peter Lusztig, of the Faculty of Commerce and Business Administration, Dean Robert Will of the Faculty of Arts, Dean Daniel Birch of the Faculty of Education, Dean Peter Larkin of the Faculty of Graduate Studies, and Dr. Michael Shaw, UBC's vice-president academic and provost.

The Senate committee, which will be made up of members to be suggested by its nominating committee in January, was established as the result of a motion proposed by Prof. Jonathan Wisenthal.

The Senate committee would prepare recommendations for submission to the ministry, he said, and might want to find out what sorts of changes the minister had in mind so that Senate could prepare an appropriate response.

Prof. Wisenthal said the changes to the act which the government has in mind could be major revisions that would alter the relationship between the universities and the government or between the universities and the Universities Council.

Presumably, he said, Senate would have strong views about the proper relationship

that ought to exist between the universities and the provincial government.

"It may be," he added, "that the changes we suggest could be of a very minor nature, but I think we ought to be prepared for all eventualities . . ."

His motion to establish the ad hoc committee received wide support from Senate and was approved without a dissenting vote.

In addition to outlining the

governmental structure of the universities and describing the powers of the Board of Governors, the Senate and the president, the act also provides for the Universities Council and sets out its powers as well as those of the Joint Board of Teacher Education, which is empowered to make recommendations to the universities on the curriculum and facilities of faculties of education.

Co-op expansion approved

The Faculty of Agricultural Sciences has joined Engineering and Forestry to become the third faculty participating in co-operative education at UBC.

Senate approved a proposal at its

December meeting from the agricultural sciences faculty to establish a co-op education program, which involves the placement of students in study-related work situations for three consecutive summers.

Maryke Gilmore, co-ordinator of the Office of Co-operative Education on campus, said that 12 work placements had already been found for the summer of '83 and that she expects the number to rise to approximately 75 when the program is in full operation.

The work placements are listed in the UBC Course Calendar as Agricultural Sciences 199, 299 and 399. Students are required to submit a technical report each summer, and although no academic credit is given for participation in the program, a notation appears on students' final transcript to indicate completion of the three summer placements.

More flexibility introduced in Fine Arts

Students in the Department of Fine Arts will soon have more flexibility when choosing their academic programs.

When UBC's Senate met in December, it gave academic approval for the addition of seven new courses, the deletion of three courses and adjustments in course title and description for 17 others in the department.

Dr. James Caswell, who heads the fine arts department, said that the purpose of the changes was to sharpen the definition of the undergraduate program and to increase offerings in non-Western areas such as Asian and pre-Colombian art.

"We're trying to double the number of courses offered while keeping the same number of faculty members by offering courses in alternate years," he said. "I think it will result in a more coherent program with greater flexibility for students."

Senate, Board approve change in Library rule

Faculty members who fail to pay fines imposed by the Library now face loss of their borrowing privileges.

A motion to this effect was carried unanimously by Senate Nov. 17 and confirmed by the Board of Governors at its December meeting.

Library loan regulations already state that borrowing privileges may be suspended if bills for the replacement of unreturned books are not paid, but fines could be ignored.

Approved by Senate was a change in the regulation, to read: "Borrowing privileges may be suspended for failure to pay bills for replacement or fines."

The regulations also apply to students, but students must settle all outstanding fines before being allowed to register each September.

Senate approves Ph.D. program

UBC's Senate gave academic approval at its Dec. 15 meeting to a new Ph.D. program in the School of Audiology and Speech Sciences.

The Senate Curriculum Committee said in its report to Senate that McGill University is the only Canadian university currently offering a Ph.D. degree in audiology and speech sciences, and that there is a strong need for another doctoral-level program in this field.

Admission to the new program will be based on a first-class average in nine units of relevant graduate and senior undergraduate work and a master's thesis "of high quality which gives clear evidence of superior research ability."

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programs — 6,069 (5,771); Commerce and Business Administration — 1,733 (1,718); Dentistry, including dental hygiene — 200 (203); Education, including physical education and recreation education — 2,808 (2,948); Forestry — 378 (367); Graduate Studies — 3,721 (3,507); Law — 683 (684); Medicine, including medical laboratory science and rehabilitation medicine — 952 (974); Pharmaceutical Sciences — 334 (358); Science — 3,871 (3,616); Qualifying year — 40 (57); Unclassified — 860 (789); Auditors and senior citizens — 69 (67).

UBC's official enrolment figures, like those of other Canadian universities, are struck on Dec. 1 each year.



Peggy Irving

25-Year Club members retire

Two members of UBC's 25-Year Club for campus employed staff retired recently.

The retirees were Don Pearce, field manager in the Department of Plant Science, who was at UBC for more than 35 years, and Peggy Irving, who retired after 25 years of service.

Mr. Pearce, who is a former president of the 25-Year Club, began his career at UBC in the Department of Agronomy in 1947. He became a senior technician in plant science in 1957 and was promoted to field manager in 1970.

Mrs. Irving joined UBC in 1957 as secretary in the Department of Bacteriology and became secretary to the dean of Arts in 1964. She was appointed administrative assistant to the dean in 1965 and senior administrative assistant in 1973.

A 22-year employee of the University, Maurice Symonds of the chemistry department, will reach the age of retirement on Feb. 28. He joined the department in 1961 as a senior technician and was appointed an engineering technician in 1978.

Board, Senate elections set for Jan. 17, 18

UBC students will go to the polls Jan. 17 and 18 to elect representatives to the Board of Governors and the Senate, the two main governing bodies of the University.

Nominated for two positions on the Board are: Margaret Copping, third-year Arts; Dave Frank, fourth-year Science; and George T. McNabb, first-year Law. Those elected will take their place on the Board at its meeting on Feb. 3 and will serve for one year.

Elections will be held in seven faculties for representatives on Senate, UBC's academic parliament. In addition, 15 nominations have been received for five Senate representatives-at-large.

Elected by acclamation are students from the following five faculties: Arts Renee Comesotti; Commerce and Business Administration Brock Smith; Dentistry Terrance Blasco; Medicine Mike McCann; and Pharmaceutical Sciences Dan Rimek.

Under the University Act, students elect a total of 17 persons to Senate, one from each faculty and five Senators at-large, who take their seats in April for one year.

An advance poll for the election will be held Jan. 17, followed by regular polling on Jan. 18.

TA union to vote on UBC salary offer

Members of UBC's teaching assistants' union will vote next week on a one-year contract which will see their salaries increase by an average of 6.38 per cent.

The union's negotiating committee and the University signed a memorandum of agreement for a new contract on Dec. 22. The union had served 72-hour strike notice on the University on Dec. 15.

Under the new contract, which would be retroactive to Sept. 1, 1982, the salary for a Graduate Teaching Assistant I, the top

union classification, would increase from \$5,880 to \$6,255 for 384 hours of work during a UBC winter session.

Salaries for other categories in the union would be as follows (current salaries in brackets): Graduate Teaching Assistant II \$6,020 (\$5,660); Undergraduate Teaching Assistant \$3,020 (\$2,840); and Marker \$2,895 (\$2,720).

Meanwhile, the question of salary increases for UBC faculty members has not been totally resolved. Compensation

Stabilization Program Commissioner Ed Peck has asked the parties to refer the question of the University's ability to pay to the arbitrator. Vancouver lawyer Ronald Holmes, who handed down his original award last August. Mr. Peck has also asked for additional information on the inequity and anomaly portion of the arbitrated award.

However, an interim six-per-cent salary increase was included in faculty salaries at the end of November.

Newly discovered works highlight concert

Music that hasn't been heard for more than 200 years will be revived at UBC tomorrow night (Thursday) when the Vancouver Baroque Ensemble plays five 18th-century chamber works for flute.

Leading the ensemble at the 8 p.m. concert in UBC's Music Building will be Prof. Paul Douglas of UBC's music department, who found the works in three major European musical archives while on study leave in 1979-80.

The works to be performed by the ensemble have been selected by Prof. Douglas from about 50 compositions which he found in musical libraries in France, Germany and Austria.

Prof. Douglas, who teaches the flute and chamber music generally to music department students, said he went to Europe for the express purpose of seeking out the manuscripts or published first editions of 18th-century chamber music for flute by a number of obscure 18th-century composers.

"I knew the compositions existed," Prof. Douglas said, "because there are references to them in the literature of the day. There's no problem gaining access to the works because each of the archives has a card catalogue of its holdings, much like the card catalogue in our own UBC library."

"Once you've identified what you want to see, the archive librarians bring the manuscripts to you and will arrange to have copies made of those you want to take away for study or editing."

Musical archives contain a vast store of works by lesser-known composers, Prof. Douglas said, and it's been his experience that much of it deserves to remain unknown. "I've simply rejected many works for which we have references," he said, "because it's apparent, once you see the manuscript, that it's not of a sufficiently high standard to be considered for revival."

The 50 or so works he brought back from Europe are of a sufficiently high standard to warrant study, editing and, possibly, publication, Prof. Douglas said. "Listeners will find they are charming and graceful works by composers who were either in the Baroque tradition or who were flirting with the new musical forms that were to become part of the classical music tradition."

The compositions also have value for teaching and research purposes, Prof. Douglas said. Students of the flute have to learn a standard repertoire of works by such great names as Bach and Mozart, he said, and it stimulates their imaginations and gives them a sense of accomplishment if they occasionally get an opportunity to play a composition that hasn't been performed for some 200 years.

"And pieces by obscure composers can

sometimes provide clues about where the great composers got their ideas and training," he said. "Mozart, for instance, had to study with someone and it's important that scholars see and hear the sources from which he sprang."

Tomorrow night's concert will open with a trio sonata for two flutes and continuo by Jacob Kleinknecht, whose music falls into the same category as Carl Phillip Emmanuel Bach, one of the leading figures in the transition period from the baroque to the classical.

This will be followed by a sonata for flute and continuo by French composer Michel Blavet, one of the leading flautists of his day, who was invited to the court of Frederick the Great to compose and teach his patron the flute. Blavet declined the appointment and remained in Paris as the chief flautist for the Paris opera.

The third work will be a trio sonata by Amandus Ivancsiz, a late baroque composer flirting with the classical tradition. What makes this work very unusual, Prof. Douglas said, is the role given to the viola, which in those days was not often regarded as a solo instrument but was assigned the role of a "servant- or filler-type instrument."

The fourth work on the program is a concertino by Johan M. Molter, a highly respected musician in his day whose chief claim to fame is that he was among the first musicians to compose concertos for the clarinet.

The Molter composition is for a very unusual combination of instruments — two flutes, two horns and continuo.

After intermission, the ensemble will play the major work of the concert, a seven-movement nocture for flute, viola

and horn by Franz Hoffmeister, who was a friend and collaborator of Mozart's.

Prof. Douglas is also editing a number of works by Blavet, Molter, Ivancsiz and Hoffmeister, among others, for publication by firms in Ottawa and London.

"Editing is a very specialized task that aims at making a composition useful for modern performance purposes," Prof. Douglas said. "I found that the unpublished manuscripts I brought back contained many, many musical errors, missing bars, and inconsistencies in articulation and dynamics. It takes a good deal of musical detective work to put the piece together in a consistent way so that it can be performed."

Performing with Prof. Douglas at tomorrow night's concert will be Prof. Hans-Karl Piltz, viola (and also a member of the UBC faculty); Brian G'Froerer and Bill Rasmussen, horns; Ross Carstairs, flute; Audrey Nodwell, cello; and James Bailey, harpsichord.



Graduate student in music, Heather Chesley, gave quick lesson in bassoon playing to B.C. Open Learning Institute director Ronald Jeffels just before Christmas, when he came to UBC to present \$2,000 prize to the talented instrumentalist from the University Scholarships of Canada Foundation. Mr. Jeffels is a director of the foundation, a non-profit corporation that serves as administrator for University Scholarships.

Former UBC chancellor dies

Dr. Allan M. McGavin, Chancellor of the University from 1969 to 1972 and a member of the Board of Governors for eight years, died on Dec. 8 at the age of 71.

In addition to his close association with the University as a member of its Board, Dr. McGavin served as co-chairman of the 3-Universities Capital Fund, which raised \$21 million for new buildings and other facilities at UBC, Simon Fraser University and the University of Victoria from 1964 onward.

Dr. McGavin first joined the Board as an appointee of the provincial government in 1966. Three years later he was elected Chancellor by the Convocation of the University, which meant that he was a member of both the Board and Senate of the University. He was reappointed to the Board by the provincial government in 1972 and served as Board chairman until Dec. 31, 1974.

Following his term on the Board, Dr. McGavin remained closely associated with the University as a member of its Health Sciences Centre management committee and in recent years was active in raising funds for the chair in geriatrics in the Faculty of Medicine.

He was widely known for his outstanding record of community service. In addition to his services to the University, he was active on behalf of amateur athletics, acting as vice-president of the Canadian Olympic Association, chairman of the Pan-American Games Committee for Canada and as an organizer of the 1954 British Empire Games held in Vancouver.

Dr. McGavin is survived by his wife, Beatrice, and two sons, Gerald and Brian, both of Vancouver.

UBC CALENDAR

Calendar Deadlines

For events in the weeks of Jan. 23 and Jan. 30, material must be submitted not later than 4 p.m. on Thursday, Jan. 13. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

WEDNESDAY, JAN. 5

Noon-Hour Concert.

Performance by Annalee Patipatanakoon, violin, winner of the sixth Eckhardt-Gramatte National Music Competition. Recital Hall, Music Building. 12:30 p.m.

Men's and Women's Volleyball.

UBC women vs. the University of Regina at 7:30 p.m. UBC men vs. Dalhousie University at 8 p.m. War Memorial Gymnasium.

THURSDAY, JAN. 6

Geological Sciences Lecture.

Landslides in the Canadian Cordillera. Dr. Stephen G. Evans, Geological Survey of Canada, Ottawa. Room 330A, Geological Sciences Building. 1:30 p.m.

Faculty Recital.

Eighteenth-century works newly discovered and edited by Paul M. Douglas. Music of Blavet, Ivancsiz, Kleinknecht, Molter and Hoffmeister. Played by Paul Douglas, flute; Hans-Karl Piltz, viola; and Brian G'Froerer, horn; with members of the Vancouver Baroque Ensemble. Recital Hall, Music Building. 8 p.m.

FRIDAY, JAN. 7

Lecture and Seminar.

How Not to Talk About an Issue: The Creationist-Evolutionism Debate. Lecture by Prof. Huston Smith, Thomas J. Watson Professor of Religion and Distinguished Professor of Philosophy, Syracuse University, at 12:30 p.m. in Lecture Hall 2, Woodward Instructional Resources Centre. Followed by a seminar in Room 3219 in the Biological Sciences Building at 2:30 p.m. with Dr. Smith and Dr. Dan Brooks, Zoology; Dr. Gaalen Erickson, Science Education; and Dr. Steve Straker, History.

Medical Genetics Seminar.

A Life Worth Living. Ethical Dilemmas Posed by Severe Birth Defects. Film and discussion. Dr. P. Baird, Medical Genetics, UBC. Parentcraft Room, Grace Hospital. 1 p.m.

Geological Sciences Lecture.

Some Problems of Geotectonics Viewed from the North Cascades. Prof. P. Misch, University of Washington. Room 330A, Geological Sciences Building. 3:30 p.m.

Economics Seminar.

Tests for Additive Heteroscedasticity. Adolf Buse, University of Alberta. Room 351, Brock Hall. 4 p.m.

Purcell String Quartet.

Music of Haydn, Mozart and Weisgarber, played by Sydney Humphreys, violin; Bryan King, violin; Philippe Etter, viola; and Ian Hampton, cello; with Ronald de Kant, guest clarinetist. Tickets are \$7 each or \$18 for a series of three. Discount prices for students and seniors. For information, call 921-8464 or 228-3113. Recital Hall, Music Building. 8 p.m.

SATURDAY, JAN. 8

Men's and Women's Basketball.

Women's team meets Trinity Western University at 6:45 p.m. Men's team vs. the University of Western Washington at 8:30 p.m. War Memorial Gymnasium.

SUNDAY, JAN. 9

Early Music Recital.

Nigel North, lute and early guitar. Tickets are \$8.50; \$6 for students and seniors, and are available at the UBC Music Building, the Magic Flute and Sikora's Classical Records. Recital Hall, Music Building. 8 p.m.

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UBC CALENDAR

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MONDAY, JAN. 10

Classics Lecture.

The Development of the Homeric Question: Mycenaean Studies and Grote's 'Independent Evidence'. Prof. Thomas G. Palaima, Classics, Fordham University, New York. Sponsored by the Committee on Lectures. Room 102, Lasserre Building. 12:30 p.m.

Mechanical Engineering Seminar.

Performance Improvement of a Dual Fuel Engine by the Use of Supercharging. A. Jones. Room 1215, Civil & Mechanical Engineering Building. 3:15 p.m.

Applied Mathematics Seminar.

Inverse Sturm Liouville Problems. Dr. John Paine, Mathematics, SFU. Room 229, Mathematics Building. 3:45 p.m.

Biochemistry Colloquium.

Polyamines: Unique Indicators of Health and Disease. Dr. Diane Russell, University of Arizona. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

Physiology Seminar.

Neuroendocrine Control of LHRH in the Rat. Dr. P. Leung, Obstetrics and Gynaecology, UBC. Seminar Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

Archaeological Institute of America (Vancouver Society) Lecture.

Materials for Mycenaean Writing. Thomas G. Palaima, Classics, Fordham University, New York. Theatre, Museum of Anthropology. 8 p.m.

TUESDAY, JAN. 11

Botany Seminar.

Mechanisms of Plant Cell Growth. Dr. L. Taiz. Thimann Laboratories, University of California, Santa Cruz. Room 3219, Biological Sciences Building. 12:30 p.m.

Assertiveness Training Workshop.

Basic Assertiveness for Women. An introductory three-session workshop that will include some focus on learning to say no, and strategies for dealing with criticism. For information, call 228-2415. Room 106A, Brock Hall. 12:30 p.m.

Science in Society Series.

Urea-Formaldehyde Foam Insulation: An Example of the Effects of Inadequate Standards Affecting the Public. Prof. David Cohen, Faculty of Law, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Institute of Asian Research Seminar.

Family and Household in Changing Japan. Kumi Kumagai, Ohira Commemorative Program in Japanese Studies. For further information, call 228-4688. Seminar Room 604, Asian Centre. 3:30 p.m.

Chemistry Lecture.

Macrolide Pheromones of Grain Beetles. Prof. C. Oeschlager, Chemistry, SFU. Room 250, Chemistry Building. 4 p.m.

Biochemistry Colloquium.

Cyclic Nucleotide Cascade of Vision. Dr. Lubert Stryer, Stanford University. Lecture Hall 5, Woodward Instructional Resources Centre. 4 p.m.

Gerontology Lecture.

Sociology of Aging. Interrelations of Life Course, Cohorts and Family Career Perspectives. Roy H. Rodgers, Home Economics. Lecture hall 3, Woodward Instructional Resources Centre. 7 p.m.

Canadian Medical and Biological Engineering Society Meeting.

CO₂ Monitoring and its Application in the Operating Room. Dan Laurenzio, Hewlett-Packard (Canada) Ltd. Salons B & C, Faculty Club. 8 p.m.

WEDNESDAY, JAN. 12

Pharmacology Seminar.

Molecular Aspects of Ischaemic/Reperfusion Injury in the Anaesthetized Rabbit. Margo Moore, Pharmacology, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Noon-Hour Concert.

Music of Finney, Persichetti and Leslie Mann. Performed by Hans-Karl Piltz, viola, and Robert Rogers, piano. Recital Hall, Music Building. 12:30 p.m.

Anatomy Seminar.

Regulation of Spontaneous Beat Rate in Heart Cell Aggregates: Antagonistic Effects of Insulin and Concanavalin A. Dr. Sygrid Myrdal, Anatomy, UBC. Room 37, Anatomy Building. 12:30 p.m.

Informal Discussion Group.

The Brown Bag Lunch Group. Students bring their own lunch at these weekly informal discussions focusing on topics of interest to mature women students. Returning women students invited to join. For information, call the Women Students' Office at 228-2415. 12:30 p.m.

Fine Arts Films.

The Object Lesson and *The False Mirror*, two films on Rene Magritte. Showings at 12:40, 2:40 and 3:40 p.m. Room 104, Lasserre Building. 12:40 p.m.

Chemical Engineering Seminar.

High Velocity Fluidization - A Description of the Turbulent and Fast Fluid Bed Regimes and a Perspective on Industrial Application. Clive Brereton, Chemical Engineering, UBC. Room 206, Chemical Engineering Building. 2:30 p.m.

Frederic Wood Theatre.

Six Characters in Search of an Author, by Luigi Pirandello opens tonight and continues until Jan. 22 (except Sunday). Tickets are \$6.50; \$4.50 for students and seniors. For reservations, call 228-2678. Frederic Wood Theatre. 8 p.m.

THURSDAY, JAN. 13

Pharmacology Seminar.

Conjugates of Autacoids as a New Class of Drugs. Prof. Kenneth L. Melmon, Medicine, Stanford University. Room 114, Block C, Medical Sciences Building. 12 noon.

Institute of Asian Research Seminar.

Demography and The Family in Japan. Kumi Kumagai, Ohira Commemorative Program in Japanese Studies. For further information, call 228-4688. Seminar Room 604, Asian Centre. 12:30 p.m.

Plant Science Seminar.

Agricultural Modernization in Northern China - A Personal Perspective. Dr. Michael D. Pitt, Plant Science, UBC. Room 160, MacMillan Building. 12:30 p.m.

Geological Sciences Lecture.

The Age and Evolution of the Yukon Tanana Terrain in S.E. Yukon Territory. Dr. J. Mortensen, UBC. Room 330A, Geological Sciences Building. 12:30 p.m.

Test Anxiety Workshop.

The Women Students' Office begins a five-week workshop on Self-Management of Test Anxiety. Group size limited. Pre-registration necessary at the Women Students' Office in Room 203 of Brock Hall. For information, call 228-2415. Room 223, Brock Hall. 1 p.m.

Condensed Matter Seminar.

Atomic Hydrogen on the Surface of Superfluid ⁴He: Sticking Probability and 'Polaronic' Behaviour. Dan Zimmerman, UBC. Room 318, Hennings Building. 2:30 p.m.

Statistics, Commerce and Management Science Seminar.

Bounded Influence Regression. Dr. William S. Krasker, Business Administration, Harvard University. Room 1214, Scarfe Building. 3:30 p.m.

Physiology Seminar.

Sensory Inputs to Identified Cortical Neurons in Relation to Proposed Specificities of Cortical Columns. Dr. P. Zarzecki, Physiology, Queen's University. Seminar Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

Canada West Basketball Tournament.

Western Canadian university teams play today and on Friday and Saturday. All day. War Memorial Gymnasium. For details, call 228-2531.

FRIDAY, JAN. 14

Medical Genetics Seminar.

Neuropathologic Studies and Arthrogyrosis. Dr. Sterling Clarren, University of Washington. Parentcraft Room, Grace Hospital. 1 p.m.

Faculty Club.

Wine Tasting and Dinner. Cost for wine tasting is \$4.50, \$12.50 for dinner. Reservations required. Faculty Club. 6 p.m.

SATURDAY, JAN. 15

Basketball.

Women's Junior Varsity team play Vancouver Community College. War Memorial Gymnasium. 2 p.m.

MONDAY, JAN. 17

Out-to-Lunch Phycologists.

Reproduction in the Kallymeniaceae: Theme and Variations. Dr. Gayle Hansen, Friday Harbor Laboratories, University of Washington. Room 3000, Biological Sciences Building. 12:30 p.m.

Applied Mathematics Seminar.

Dr. Bernard Shizgal; Chemistry, UBC. Room 229, Mathematics Building. 3:45 p.m.

TUESDAY, JAN. 18

Botany Seminar.

Mitosis in Diatoms: An Excellent Model System for Studying Mitotic Mechanisms. Dr. J. Pickett-Heaps, Molecular, Cellular, and Developmental Biology, University of Colorado. Room 3219, Biological Sciences Building. 12:30 p.m.

Practical Writing Lecture.

Transferring Technology. Wayne Wickens, B.C. Ministry of Agriculture and Food. Room 201, Computer Sciences Building. 12:30 p.m.

Chemistry Lecture.

The Role of Paper and Polymers in Electronic Printing. Dr. Robert Marchessault, Xerox Research Centre of Canada. Room 250, Chemistry Building. 4 p.m.

Gerontology Lecture.

Aging and the Family. Roy H. Rodgers, Home Economics. Lecture Hall 3, Woodward Instructional Resources Centre. 7 p.m.

WEDNESDAY, JAN. 19

Pharmacology Seminar.

Biodegradation of Enkephalin: Involvement of Psychoactive Agents and Neurotransmitters. Dr. Alexander Jakubovic, Neurological Sciences, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Noon-Hour Concert.

Music of Beethoven, Strauss, Schubert, Faure and Warlock. Performed by Donald Brown, baritone and Jane Coop, piano. Recital Hall, Music Building. 12:30 p.m.

Anatomy Seminar.

The Medical Curriculum: Alternatives for UBC. Dr. Gordon Page, Educational Support and Development, Medicine, UBC. Room 37, Anatomy Building. 12:30 p.m.

Asian Studies Seminar.

Fire and Rain: On the Burning of Human Victims to Seek Rain as Seen in the Shang Dynasty Oracle-Bone Inscriptions (in Chinese). Prof. Qiu Xigui, Peking University. Seminar Room 615, Asian Centre. 3:30 p.m.

Statistics Workshop.

Towards a Consensus of Opinion. Christian Genest, Mathematics, UBC. Room 308, Angus Building. 3:30 p.m.

THURSDAY, JAN. 20

Faculty Recital.

Harpichord Music of the French Baroque. Music of de la Guerre, Couperin and Forqueray. Performed by Doreen Oke, harpichord. Recital Hall, Music Building. 12:30 p.m.

Asian Studies Seminar.

Archaeological Materials and Research on Pre-Han and Han Texts: Recent Work in the People's Republic of China (in Chinese). English interpretation by Prof. Jerry Schmidt). Seminar Room 604, Asian Centre. 12:30 p.m.

Essay Anxiety - Composition Skills.

Nancy Horsman of the Women Students' Office will give three one-hour workshops to help students increase their skills in preparation of essays. They will be held three Thursdays: Jan. 20 and 27 and Feb. 3. For information, call 228-2415. Room 212B, Buchanan Building. 12:30 p.m.

Geological Sciences Lecture.

Hydraulic Factors and Sampling Problems Related to the Dispersion of Scheelite in Drainage Sediments, Clea Property, Yukon Territory. D. Saxby, UBC. Room 330A, Geological Sciences Building. 12:30 p.m.

Condensed Matter Seminar.

Oriental Phase Transition of H₂ Monolayers Adsorbed on Graphite. Philip Kubik, UBC. Room 318, Hennings Building. 2:30 p.m.

FRIDAY, JAN. 21

Medical Genetics Seminar.

Update on Neurological Aspects of Learning Disorders. Dr. J. Crichton, Pediatrics, UBC; and Update on Genetic Aspects of Learning Disorders. Dr. B. McGillivray, Pediatrics, UBC. Parentcraft Room, Grace Hospital. 1 p.m.

Petroleum Geology Lecture.

Development and Distribution of Rift Systems. Dr. Kevin Burke, State University of New York at Albany. Room 330A, Geological Sciences Building. 4 p.m.

Ice Hockey.

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

Women's Volleyball.

Thundervolley tournament. All day. Play continues on Saturday, Jan. 22. For details, call 228-2531. War Memorial Gymnasium.

SATURDAY, JAN. 22

Ice Hockey.

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

Notices . . .

Walter Gage Memorial Display

A memorial display honoring former UBC president Walter Gage has been set up in the lower hall of the Mechanical Engineering section of the Civil and Mechanical Engineering Building.

Faculty and Staff Exercise Classes

Exercise classes for men and women take place Mondays, Wednesdays and Thursdays from 12:30 to 1:05 p.m. Fee is \$15, payable in Room 203 of the War Memorial Gym. For more information, call 228-3996.

Social Work Programs

The School of Social Work is offering continuing education courses from February to May on the following topics: Working with Families of the Chronically Ill; Team Building; Working with Hard to Reach Families; and Couple Therapy: A Multi-Generational Approach. For more information, call 520-5472, local 4601.

Museum of Anthropology

Exhibitions: Sensibilities: Unsuspected Harmonies in Multicultural Aesthetics - until April 17.

Sunday Programs: Clowns Garbanzo and Koko will perform in the Great Hall and Theatre Gallery on Feb. 6 and 13, and March 13, 20 and 27.

On Feb. 20, 27 and March 6, artists from the Sensibilities exhibit will be on hand to meet the public.

Guided Gallery Walks: Guided Gallery Walks are offered Tuesdays and Thursdays from 2:30 to 3:30 p.m., beginning Jan. 11.

Free Identification Clinics: Bring your collectibles to the museum for assistance in identification and conservation. Jan. 25, Feb. 22, March 29 and April 26 from 7 to 8:30 p.m.

Field Study Course: Peruvian Textiles: Continuity and Acculturation. For more information call 224-9253.

The Museum of Anthropology is open from noon to 9 p.m. Tuesdays, noon to 5 p.m. Wednesday through Sunday and is closed Mondays. Admission is free on Tuesdays. For more information, call 228-5087.

Museum Gift Shop Sale

The Museum of Anthropology gift shop is currently holding an after-Christmas sale of selected items.

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