

President to inspect UBC cadet officers

UBC's traditional Remembrance Day service on Nov. 11 will be preceded by a formal inspection of Canadian armed forces commissioned and cadet officers enrolled at UBC.

President David Strangway will inspect the UBC contingent at 10:10 a.m. in the campus War Memorial Gymnasium, escorted by Captain Kem Hur, Canadian armed forces University Liaison Officer.

Eleven veteran- and UBC-affiliated organizations will lay wreaths at the foot of the memorial wall in the gymnasium foyer during the service that begins at 10:45 a.m.

Music for the service, to be conducted by the Rev. Thomas O. Oliver, will be provided by the UBC music school's brass quintet. Also participating in the service will be Alma Mater Society president Simon Seshadri, who will read the scripture, and President Strangway, who will give the Remembrance Day address.

UBC in focus

UBC's work in cancer research will be featured on the award-winning television program "Doctor/Doctor" November 8th. Dr. David Dolphin will explain his collaborative effort with Drs. Julia Levy and Neil Towers. The researchers are producing a compound that destroys cancer cells with minimal side effects for the patient. The show is broadcast by CBC at 4:30 p.m. After November 8, a video recording of "Doctor/Doctor" will be available for viewing.

The head of UBC's Centre for Human Settlements, Dr. Peter Oberlander, was a guest on CJOR's Dave Barret Show Thursday, October 30. Dr. Oberlander talked about homelessness and the problems involved in providing shelter for homeless people. On Friday October 31, UBC President Dr. David Strangway was a guest on the CKNW Gary Bannerman show. He discussed the new university publication 'Engine of Recovery'. A cassette recording of Dr. Strangway's interview is available at the Community Relations Office.

Four students win

Four major UBC scholarships have been awarded to students who have combined academic achievement with extracurricular service activities.

Peter Tonseth, a third-year student in Medicine, is the 1986 winner of the \$4,500 Sherwood Lett Memorial Scholarship, awarded annually to a student who reflects the academic achievements and leadership qualities of the late Mr. Lett, who was UBC's chancellor from 1951 to 1957.

A second-year medical student, Andrew Cheng, is the winner of the \$2,000 Harry Logan Memorial Scholarship, awarded annually to a student who combines good academic standing with participation in sports and other student activities. Prof. Logan, after whom the award is named, was one of the original members of the UBC faculty who taught until 1967. He died in 1971 at the age of 83.

Jane Mair, a fourth-year Arts student, has won the \$3,000 Amy Sauder Scholarship. The \$1,500 Jean Craig Smith Scholarship has been awarded to fourth-year Commerce student Gregory S. Yen.

Donor gives to Crane

A recent corporate donation has increased the Crane Library Endowment Fund by \$5,000, bringing the fund total to more than \$12,000. The employees of William M. Mercer Ltd, a national compensation consulting firm, made the donation in memory of the company founder, William Mercer. Two of Mercer's children are UBC alumni and, as students, they made use of the Crane Library services for the visually impaired. The Crane Library is hoping to supplement its budget for recording texts and research books by using annual interest accrued from the Endowment Fund.

UBC Engineering team hope tests win battle for the America's Cup

In three month's time the world's attention will be focused on Fremantle, Australia, where yachts from around the world will battle for the America's Cup.

One group of individuals at UBC who will watch the race with special interest are Prof. Sander Calisal and his colleagues in the Mechanical Engineering Department.

Since 1984 Calisal, Prof. Robert Evans and research associate Dan McGeer have carried out tests with Canada II yacht designer Bruce Kirby to improve the performance of our nation's entry in the America's Cup race.

Calisal and his colleagues participated in wave tank testing of a scale model of the yacht in Escandido, California earlier this year and have carried out computer simulations of how the yacht would perform in open seas.

Bruce Kirby had high praise for the UBC team in a quote that appeared in the January '86 issue of *Sailing Canada Magazine*:

"Yacht design has always been a mix of art and science. My strong point is the art, and now that we have the scientific expertise of these very bright people at UBC, plus the use of their sophisticated computer panelling program, I am confident that will we have the very best 12-metre that modern technology can produce."

Helping to engineer an America's Cup victory for the Canada II yacht is UBC mechanical engineering professor, Dr. Sander Calisal, pictured above at the wave tank testing facilities at the B.C. Research Ocean Engineering Centre on campus.



Community Relations reaches public through diversified media programme

Where else in Canada, except at UBC, can you find top ranking cancer researchers next to one of the finest collections of West Coast Indian Art, and both a stones-throw from an Olympic swimming pool?

Sharing UBC's many dimensions and strengths with the community is the task of the Community Relations Office. This year they are implementing several new programmes to expand UBC's profile within the community, and promote the image of the university as a top calibre institution.

"Our goal is to maintain a strong communication programme that supports the aims and objectives of the university," said Community Relations Director Margaret Nevin. That means reaching the public in a variety of ways and targeting information to specific audiences.

The message goes to the community in three forms: through public information programmes, university publications, and by hosting special events. This year, Community Relations has started several new initiatives in each area.

The broadest section of the community is reached through the public information programme. Community Relations sends news and photo releases, high-lighting university research and events, to local, provincial and national media. "Stories are rewritten in several ways to make them appropriate for specific media markets," Nevin said. Provincial weekly newspapers, for example, receive ready-to-print formatted stories on topics of regional interest, such as UBC research projects that relate to B.C.'s resource industries.

Community Relations is also placing items in trade journals, ensuring that stories on business, science and other areas reach speciality publications.

In addition, a series of mini-radio documentaries are scheduled to be released early next year to more than 250 radio stations across Canada. The docu-

mentaries are hosted by Dr. David Suzuki and high-light a variety of research projects currently under way at UBC. Mini video-documentaries are also to be developed for distribution to provincial television stations.

Talk shows are also an important way to gain increased profile for key UBC people, and the Community Relations Office is working closely with local television and radio talk show producers and hosts, people such as Gail Hulnick on CBC's Early Edition, Jack Webster on BCTV and Gary Bannerman of CKNW's Gary Bannerman Show.

Some publications from the Community Relations Office, have undergone recent major changes to update their text and format. Revised university brochures include *Basic Facts*, the reference guide which answers the most frequently asked questions about the university; and the *Industry Liaison Brochure* which describes the highly successful liaison programme between industry and the university. *UBC Reports* was also revised in response to a readership survey carried out earlier this year.

Two new publications are the *Engine of Recovery*, released in September, and the *President's Report on the Library*, scheduled to be released by December. Both highlight UBC's strengths, contributions and commitments to the community. The *Engine of Recovery* describes key areas at UBC which play a part in the current economic revival of B.C. The *President's Report on the Library* outlines the vital role that the library plays in serving the needs of the academic community.

The office will be preparing UBC's first annual *Community Report* intended to profile the university's research, and outline new developments in teaching

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Peking Opera coming



Peking Opera performer

Stories of love, domestic comedies and war epics may sound like typical fare for an evening of television viewing but, they are also basic ingredients for an art form rarely seen in the west - classical Chinese Opera.

Next spring, Vancouverites will have the opportunity to experience this art form first hand, when the Senior Research Group of Chinese Opera and Music brings an exciting program of Peking Opera, acrobatics and martial arts to UBC's three-day Open House.

Sponsored by the Department of Asian Studies, the Peking Opera performances will star Mr. Chun Cheung, who has over forty years experience in studying and performing Peking Opera. He will be bringing an outstanding Chinese acrobat from Michigan, Ohio,

and three Chinese musicians from Hong Kong, to add their skills to the Vancouver team.

"We are very excited by the opportunity to present this opera at UBC," says Mr. H.T. Chen, Department of Asian Studies. "Peking Opera or Jingju, as it is generally known, has been popular in China for about two hundred years. The art combines music, singing, dancing and acting. Actors and actresses with heavy symbolic facial make-up, dressed in colourful and often elaborate and luxurious costumes, sing and act out the stories on stage.

"The music incorporates many styles originating in different areas of China, from Anhui, Jiangxi, Hubei and Shaanxi Provinces. The art was patronised and developed in Peking, hence the name Peking Opera.

"In recent decades, however, performances have been less and less common, because fewer young people wish to undertake the long and arduous training necessary to become a performer. We feel all the more privileged, therefore, to be able to bring this fine traditional form of art and entertainment to Vancouver during Open House."

The Peking Opera performances will be one of the many highlights of next spring's campus-wide Open House, which is already shaping up well. All twelve faculties will be involved, and campus attractions such as the Museum of Anthropology, the Geology Museum and the Aquatic Centre will be open free of charge. Several groups will be providing on-site entertainment for children and adults alike, including hot air balloon rides and puppet shows.

If you would like to become involved with Open House, or would like more information, please send a note to The Open House Committee, c/o Community Relations, 2nd Floor, Old Administration Building.

Funds help deaf students

The Western Institute for the Deaf will be able to provide better services for over 7,000 people this year-- thanks to the United Way. "Funding received from the United Way campaign is the only flexible money we have," said Lynn Siddaway, Executive Director of the WID. "It allows us to develop new services and prove their need."

The interpretative service was initiated through United Way funding. Currently five hearing impaired or deaf students at UBC, and many more at other institutions, are accompanied to lectures by WID staff who sign what they can't hear. WID provided one UBC student with a FM system attachment for their hearing aid and a microphone for the professor, enabling the student to hear the professor clearly.

The 51 staff at the WID also operate a message relay program enabling deaf people to place and receive tele-

phone calls. They provide hearing assessment tests, fit hearing aids, and run career and employment counselling programs. In addition, UBC students from Social Work, Audiology and Speech Sciences regularly complete their program requirements by working at the WID on course practicums.

If the WID receives enough funding from the United Way this year, they plan to develop a job finding club. This support group will assist hearing impaired people to find employment, and give advice on attending job interviews. "Ideally we would also like to have a staff person in Kamloops to serve the need of the Interior," Siddaway said.

Money raised through the UBC United Way campaign can help to start projects like these. Donations are still welcome at the Financial Services Department on the third floor of the General Services Administration Building.

LETTERS

I am writing to comment on the nature of the times in which the document 'Engine of Recovery', UBC President David Strangway's statement on the mission of the University, was written.

Certainly I welcome the thrust of his message in speaking up for this university's main strength, its faculty. But is he aware of the level of our discontent?

Dr. Strangway compares a complex, multi-faceted university like UBC to a tree, both requiring healthy roots for survival. But the only nourishment of late has been stick and stone stew. The legacy of continued restraint is resentment, easily catalysed to anger.

At a recent meeting, the faculty voted overwhelmingly for a motion expressing "disgust" with the University administration (and Board of Governors) for their mismanagement of

our affairs.

The issue here is not only monetary, although certainly the deplorable slide in faculty salaries in the past three years must stop. Leadership and the autonomy of this university are also issues. Placing value on all deserving faculty, and most are, whether blessed or not by Victoria's "centre of excellence" fairy, is long overdue.

The continued dedication of these people is essential to the quality and survival of this university, far more than the misguided 20 per cent salary increase to 17 Killam Prize winners each year.

Otherwise, David Strangway's "Engine of Recovery" will be nothing more than just another glossy brochure.

Donald Fleming
Professor of (Nuclear) Chemistry

Ed. note: please send letters by
Nov. 12, 150 words max

OUTREACH

Co-op program puts students and industry together

The importance of good technical writing in industry today was recently recognized when three UBC students received awards for the quality of their technical reports, prepared while they were working for Canadian companies under the UBC Co-operative Education program.

The three winners were Christine Koch, fourth year student in Agricultural Economics, for her report on "Current Issues in Canadian Wheat Marketing" for Consumer and Corporate Affairs Canada, Ottawa; Bruce Matsugu, third year Electrical Engineering student, for "The effect of N2 Impregnation on Electrical Tree Initiation" written for the National Research Council, Ottawa; and Tom O'Brien, fourth year Electrical Engineering student for "IBM Circuit Board Tester: Test Module Functional Description" prepared for Dynapro Systems Inc. in Vancouver.

"Selecting three out of fifteen truly outstanding technical reports was very difficult," said Glenn McGinnis of Imperial Oil, one of the companies making the awards, "but it was exciting to read such clearly written reports about a most impressive array of technical topics."

The awards were presented by three members of this year's Co-op Employers' Advisory Council: IBM, represented by Mr. Jim Grey, Branch Manager, B.C. Industry; Imperial Oil, represented by Mr. Glenn McGinnis, Supply and Technical Sciences Manager;

Ioco Refinery; and Northern Telecom (Edmonton), represented by Mr. Dan Cullen, Director, Account Development, Western Canada. The Employers' Advisory Council, formed in 1980 to advise the UBC President on the development of Co-operative Education, currently has 24 senior executive-members representing large and small companies.

Since January 1986 UBC has placed close to 150 Co-op students with approximately 65 employers in Engineering, Computer Science, and Agricultural Sciences in British Columbia, Alberta, Saskatchewan, and Ontario. In January 1987 the first Honours Physics Co-op students will join the Computer Science and Electrical Engineering students in year-round Co-op placements bringing the total placements to 200 in the next academic year.

"The new year-round programs, made possible by two grants, one from Canada Employment, and one from the B.C. Ministries of Labour and Post-Secondary Education are very well received by employers and are putting the UBC programs in the mainstream of Co-op in Canada," says Maryke Gilmore, director of programs.

Students interested in the Co-op programs are invited to attend a Co-op information meeting on Thursday, November 6, 12:30 p.m., Room 200, Computer Science Building, or come to the Co-op Office, Room 213 in Brock Hall



Co-op winners are: Bruce Matsugu (left), Christine Koch and Tom O'Brien.

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and outreach programmes. It will be distributed province-wide as an insert in B.C.'s daily newspapers. Community Relations are also preparing a publication called UBC Today which will focus on UBC's past and present achievements, and its contributions to Canadian society. UBC Today will be revised every three to five years and targeted to government and business leaders, as well as alumni and potential students.

An intensified media relations programme is helping media outlets get more information faster. Community Relations organizes media receptions inviting key people in the media to meet with innovative UBC researchers, to increase awareness of UBC's leading edge research. MLA Days is a similar programme providing MLAs with the opportunity to meet students and faculty and learn more about the how the university benefits the province.

Media tours are also important. When UBC President David Strangway serves as the university ambassador outside the lower mainland, the

Community Relations Office arranges media interviews to ensure regional, provincial or national coverage.

Community Relations are heavily involved in the planning for next year's campus Open House, working with other members of the university community to provide a strong publicity campaign to attract alumni and visitors from all over B.C.

In addition, Community Relations provides public relations counselling for the university community and liaises with business and government leaders. The office handles hundreds of calls each month from reporters and writers looking for UBC experts in a particular field or seeking story ideas.

Building public support for the university is the key objective of the Community Relations Office. "Public support can only be generated by raising public awareness of the outstanding contributions of UBC to the economic, social and cultural life of the province," Nevin said.

Killam Research Prizes recognize outstanding faculty



Dr. Strangway

Names will shortly be announced of the 17 UBC Faculty members who will be receiving Killam Research Prizes this year for excellence in their research fields.

"The objective is to recognize within the university that we have outstanding researchers, whether senior or junior," said UBC President, David Strangway. "We want to celebrate their accomplishments."

The Killam Research Prize will be awarded annually to 17 faculty who will receive the \$20,000 prize in two parts, \$10,000 the first year and the remainder the following year. The prize may be held only once by any faculty member. Total costs of the award amount to \$170,000 this year and \$340,000 in succeeding years.

"It's a prize for real accomplishments," said Dr. Strangway. It is also one of the few awards which will recognize the achievements of junior researchers. About half of the Killam Research Prizes will go to faculty who have made significant achievements in the early stages of their careers. "What we're really saying is: the university has a lot to celebrate by recognizing the accomplishments of some of its faculty," Dr. Strangway said.

Nominations for the Killam Research Prizes are made by UBC Deans of Faculties. The twelve members of the Faculty Awards Committee, augmented by twelve representatives of the faculties, are responsible for selecting the winners. This year's recipients will be

announced by the President's Office within the next month.

Unlike many academic awards, the Killam Research Prize monies are awarded without stipulation. The prize may be used for equipment, research activities, travel, or retained for whatever purposes the recipient wishes. "This gives them a degree of flexibility that is hard to find," said Dr. Strangway. "Funding without strings attached gives people a tremendous advantage. The freedom of choice is unlimited."

The Killam Research Prize originates from a \$13.5 million endowment to UBC made by the estate of Dorothy J. Killam ten years ago. Five Canadian universities received a share of the \$100 million estate.

UBC Calendar

THE VANCOUVER INSTITUTE

Saturday, Nov. 15

World Hunger and the World Economy. Prof. Keith Griffin, President of Magdalen College, Oxford.

Saturday, Nov. 22

Who Is Managing the Forests--Man or the Mountain Pine Beetle? Prof. John H. Borden, Biological Sciences, Simon Fraser University.

Lecture Hall 2, Woodward Instructional Resources Centre. Free admission. 8:15 p.m.

MONDAY, NOV. 10 Literature Reading.

Internationally acclaimed Canadian novelist Timothy Findlay, author of Governor-General's Award winning *The Wars*, *Famous Last Words*, *Not Wanted on the Voyage* and the just published *The Telling of Lies*. Angus 110. 12:30 p.m.

Guest Artist Performance.

Michael Boriskin, piano. Free Admission. Recital Hall, Music Building. 12:30 p.m.

Cecil H. and Ida Green Visiting Professor.

Rural Poverty in Asia. President Keith Griffin, Magdalen College, Oxford. Room A-106, Buchanan Building. 12:30 p.m.

MECH 598 Seminar.

Experimental and Numerical Investigation of the Flow Past a Blunt Rectangular Plate. Nedjib Djilali, Graduate Student, Mechanical Engineering. Room 1215, CEME Building. 3:30 p.m.

Biochemical Discussion Group.

Cloning and Sequencing the Genes for Hydrogenase and Cytochrome *c*, from *Desulfovibrio vulgaris*. Dr. Gerrit Voordouw, Division of Biochemistry, University of Calgary. IRC 4. 3:45 p.m.

Astronomy Seminar.

Wolf Rayet Stars and Circumstellar Disks. Dr. Anne Underhill, UBC. Room 260, Geophysics & Astronomy Building. 4:00 p.m.

TUESDAY, NOV. 11 Remembrance Day. University closed.

Remembrance Day Service.

Traditional Remembrance Day service. President David Strangway inspects Canadian armed forces commissioned and cadet officers enrolled at UBC in the War Memorial Gym at 10:10 a.m. prior to service beginning at 10:45 a.m. in the gymnasium lobby. Rev. Thomas O. Oliver will conduct the service. Music by the UBC Brass Quintet.

WEDNESDAY, NOV. 12 Pharmacology & Therapeutics Seminar.

Regulation of Gastric Somatostatin Secretion. Dr. C. McIntosh, Department of Physiology, Faculty of Medicine. Room 317, Basic Medical Sciences Building, Block C. 12 noon.

Religious Studies Lecture.

Guru Nanak and his Masterpiece: *Jappi*. Dr. Harnam Singh Shan, Formerly Professor & Chairman Guru Nanak Chair of Sikh Studies, Punjab University, Chandigarh (India). Everyone Welcome. Asian Centre Auditorium. 10:30 - 11:30 a.m.

Geological Seminar.

On the Growth of Prograding Deltas. Dr. J.P.M. Syvitski, Bedford Institute of Oceanography. GLSC, Room 330A, 12:30 p.m.

Canadian Music Festival.

Works of Brian Cherney. Performed by Faculty of the School of Music; composer in attendance. Free. Recital Hall, Music Building. 12:30 p.m.

Forestry Seminar.

The Simon Fraser Natural Resources Program: Goals and Opportunities. Prof. Chad Day, Natural Resources Program, SFU. MacMillan 166, 12:30-1:20 p.m..

Cecil H. and Ida Green Visiting Professor.

Doubts about Foreign Aid. President Keith Griffin, Magdalen College, Oxford. Room A-106, Buchanan Bldg., 12:30 p.m.

Comparative Literature Colloquium.

Mishima and Nietzsche. Prof. Roy Starrs, Asian Studies, UBC. Buchanan Penthouse, 3:30 p.m.

Music Lecture.

Music and the Creative Imagination. Prof. Brian Cherney, Music, McGill University. Sponsored by the Committee on Lectures. Room 113, Music Building, 3:30 p.m.

Geography Colloquium.

East-West Trade and Siberian Development. Michael Bradshaw, Geography, UBC. Room 201, Geography Building, 3:30 p.m.

Applied Mathematics Seminar.

A Variational Principle for a Segmented Free Boundary Problem with Applications. Prof. Liam Finn, Civil Engineering, UBC. Room 229, Mathematics Building, 3:45 p.m.

Animal Resource Ecology Seminar.

Sexual selection and sympatric speciation: a case study in sockeye salmon. Chris Foote, IARE and Zoology, UBC. Room 2449, Biological Sciences, 4:30 p.m.

Lectures for Faculty and Spouses.

UBC Benefits (pensions, disability, etc.). Maureen Simons, Manager, UBC Faculty and Staff Services. Free to Faculty members and spouses. Room 60, School of Family and Nutritional Sciences (Home Economics), 4:30-6:00 p.m.

Landscape Colloquium.

The Phenomenological Approach to Understanding Environment. Prof. Patrick Mooney, UBC Landscape Architecture Program. Salon C, Faculty Club, 6:30 p.m.

Cinema 16.

Tokyo Story. Director, Yasujiro Ozu. A Japanese film classic. \$2.00 plus \$1.00 one-time membership fee. SUB Auditorium. 7 and 9:30 p.m.

THURSDAY, NOV. 13 Psychiatry Lecture.

Some Observations on Sociopathic Style. Dr. Anthony M. Marcus, Psychiatry, UBC. Room 2NA/B, Psychiatric Pavilion, HSCH, 9-10 a.m.

Office for Women Students Workshop.

First of three sessions on Creative Techniques for Reduction of Stress and Anxiety. Other sessions on Nov. 20 and 27. Enquiries: 228-2415. Free admission. Room 106A, Brock Hall, 12:30 p.m.

Canadian Music Festival.

Faculty Composers Concert. Works by W. Berry, E. Wilson, S. Chatman, P. Hannan & P. Douglas. Recital Hall, Music Building, 12:30 p.m.

Geology Lecture.

Megathrust Potential of Cascadia Subduction Zone. Dr. Gary Rogers, Pacific Geoscience Institute, Sidney, B.C. Room 330A, Geology Building, 12:30-1:30 p.m.

History Lecture.

Nationalism: The nature and Evolution of an Idea. Eugene Kamenka, Australian National University. Room 212, Buchanan Bldg. Block B, 12:30 p.m.

Cecil H. and Ida Green Visiting Professor.

The Role of Communal Tenure in Rural Development. Pres. Keith Griffin, Magdalen College, Oxford. Room 207/209, Anthropology/Sociology Bldg., 1:00 p.m.

Faculty Association.

General Meeting. Room 100, Mathematics Bldg. 1:00 p.m.

Social Work Research Report.

Building on Family Strengths: A study of families successfully coping with the birth of a developmentally disabled infant. Dr. Barry Trute, School of Social Work, U of Manitoba. Enquiries: 228-6207. School of Social Work, A/V Lounge, Graham House, 1:30-3:30 p.m.

French Lecture.

Low Style in Medieval France: Invector and Eros; Comedy and Criticism. Prof. William Calin, Romance Languages, University of Oregon in Eugene. Penthouse, Buchanan Bldg., 3:30 p.m.

History Seminar.

Recent Western Marxism and History. Eugene Kamenka, Australian National University. Penthouse, Buchanan Bldg., 4:00 p.m.

Physics Colloquium.

Particle Physics in the Early Universe. Prof. Nathan Weiss, UBC. Room 201, Hennings Building, 4:00 p.m.

University Choral Union.

James Schell, director. Music of Palestrina, Bach, Brahms. Recital Hall, Music Building, 8:00 p.m.

FRIDAY, NOV. 14 Pharmaceutical Sciences Seminar.

Factors related to the variability in the natriuretic and diuretic response to furosemide. Dr. P. du Souich, Pharmacologie, Universite de Montreal. IRC 3. 12:30 p.m.

Medieval Studies Lecture.

The Material Culture of Medieval Peasantry: Image and Reality. Prof. Dr. Gerhard Jaritz, Oesterreichische Akademie der Wissenschaft, Institut fuer Mittelalterliche Realienkunde Oesterreichs, Krems, Austria. Opening Lecture--16th Medieval Workshop at UBC: "Image of Rusticus in the Middle Ages" (November 14-15). Sponsored by SSHRCC, Medieval Studies Committee, Committee on Lectures and the Dean of Arts. Room A-104, Buchanan Building. 12:30 p.m.

Canadian Music Festival.

Stephen Chatman & Eugene Wilson, directors. Works by Alumni Composers. Music of McDougall, Knox, Hodgins, Fritz, Chan & Hatch. Free. Recital Hall, Music Building. 12:30 p.m.

Medical Genetics Seminar.

Report on the American Society of Human Genetics Meeting. Faculty, Medical Genetics. Parentcraft Room, Main Floor, Grace Hospital, 4490 Oak Street. 1:00 p.m.

French Seminar.

Feminism and Anti-Feminism in the Literature of Courtly Love. Prof. William Calin, Romance Languages, University of Oregon in Eugene. Room 826, Buchanan Tower. 2:30 p.m.

International Relations Lecture.

The Evolution of Canada's Security Policy. Lieutenant-General (ret.) Rene Gutknecht, former Canadian Military Representative to NATO Military Committee; and Dr. George Lindsey, Chief of Operational Research and Analysis Establishment in the Canadian Department of National Defence. Penthouse, Buchanan Bldg., 3-5 p.m.

Commerce Finance Workshop.

Impact of "Poison Pill" Securities on Stockholder Wealth". Paul Malatesta, Washington. Penthouse, Henry Angus Building. 3:30 p.m.

Graduate Music Colloquium.

Aspects of my Musical Compositions. Brian Cherney, speaker. Free admission. Seminar Room, Music Building. 3:30 p.m.

University Choral Union.

James Schell, director. Repeat of Nov. 13 concert. Free admission. Recital Hall, Music Building. 8:00 p.m.

SUNDAY, NOV. 16 Peasant Studies Workshop.

Interdisciplinary Workshop on Peasant Studies. Lectures and discussions on the "Image of the Peasant" in early modern Europe. For program and information, contact J.M. Dak, History, UBC, 228-5181. Room 105, Laserre Bldg. Room 228, Angus Bldg. 10:00 a.m.

MONDAY, NOV. 17 Canadian Music Festival.

UBC Contemporary Players. Stephen Chatman and Eugene Wilson, directors. Works by Alumni composers. Music of Truax, Stemper, Burritt Kobylansky and Duke. Free admission. Recital Hall, Music Building. 12:30 p.m.

Asian Studies Colloquium

"From the Boardroom of the Rockefeller Foundation to the Paddy Fields of Heen Kenda: a consistent theory of agricultural change". Prof. Barrie Morrison, Asian Studies, UBC. Public welcome. Room 604, Asian Centre. 3:30 p.m.

Mechanical Engineering MECH 598 Seminar

"Theoretical Analysis of an Enhanced Horizontal Condenser-Evaporator Tube". Dr. M. Aminzadeh, Head, Institute of Water & Energy, Sharif Univ. of Technology, Tehran, Iran. Room 1215, CEME Building. 3:30 p.m.

Applied Mathematics Seminar.

Global Optimization--An Integral Approach. Prof. Q. Zheng, Shanghai University. Room 229, Mathematics Building. 3:45 p.m.

Biochemical Discussion Group.

3D coordinates from 2D data: DNA structure. Dr. Brian Reid, Chemistry Dept., University of Washington. IRC 4. 3:45 p.m.

Astronomy Seminar.

The Canadian Space Astronomy Data Centre. Drs. Dennis Crabtree and Daniel Durand, Dominion Astrophysical Observatory, Victoria, B.C. and Space Telescope Science Institute, Baltimore, Maryland. Room 260, Geophysics and Astronomy Building. 4 p.m.

Pharmacology & Therapeutics Seminar

Non-invasive investigation of sarcoplasmic reticulum function in the heart. Dr. D. Bose, Prof., Dept. of Pharmacology & Therapeutics, University of Manitoba. Lecture Hall #3, Instructional Resources Centre. 4:00 p.m.

Modern Languages Lecture

Writing Science Fiction for Children and Young Adults. Daniel Serigne, winner of Canada Council awards for children's literature. Today's lecture in English. Annex E, Ponderosa. 4:30 p.m.

UBC Calendar

TUESDAY, NOV. 18 School of Library, Archival & Information Studies Colloquium.

"Interviewer's/Researcher's Approach to Local Authors". Alan Twigg, author, reviewer and critic. Room 835, North Wing, Main Library. 11:30 a.m.

Chinese Wordprocessing Demonstration.

TianMa: Solving the Chinese Language Puzzle. Demonstration of the "TianMa" Chinese wordprocessing program developed by the International Geosystems Corporation in Vancouver. Dr. Peter Leimbinger, Director of Computer Linguistics Group, International Geosystems Corporation. Free admission. For more information, call 228-2746. Seminar Room 604, Asian Centre. 12:30 p.m.

Chemistry Seminar

Laser Spectroscopy of Metal Clusters. Professor Martin Moskovits, Chemistry, University of Toronto. Room 250, Chemistry Building. 1 p.m.

Centre for Metallurgical Process Engineering Distinguished Lecturer Series

The Steel Challenge in a World Market. Dr. Gordon E. Forward, President, Chaparral Steel Company. Room 317, Frank Forward Building. 3:30 p.m. Coffee in Room 308 at 3:00 p.m.

Oceanography Seminar

Carbon Accumulation in the Recent Sediments of the Black Sea. Dr. S.E. Calvert, DOUBC. Room 1465, Biological Sciences Building. 3:30 p.m.

WEDNESDAY, NOV. 19 Forestry Seminar.

The Dynamics of Stand Growth. Dr. David Tait, Forest Sciences, Forestry, UBC. Free admission. Room 166, MacMillan Building. 12:30 - 1:20 p.m.

Staff Pension Plan Discussion.

A discussion of the UBC staff pension plan, and question and answer session. Maureen Simons, manager, Faculty and Staff Services. Lecture Hall 3, IRC. 12 noon.

Noon-Hour Recital

John Rudolph, percussion; Kathleen Rudolph, flute; Gaye Alcock, piano. Presented in cooperation with CBC Radio. Free admission. Recital hall, Music Building. 12:30 p.m.

Modern Languages Lecture

Writing Science Fiction for Children and Young Adults. Daniel Serrine, winner of Canada Council awards for children's literature. Lecture in French. Room 209, Scarfe (Education) Bldg. 2:30 p.m.

Geography Colloquium.

The Revitalization of a Town. Karl Schutz, Director, Chemainus Festival of Murals. Room 201, Geography Building. 3:30 p.m.

Faculty Association/Centre for Continuing Education Lecture.

The Importance of RRSPs as a Vehicle for Saving and Your Will—Is It Complete? John Givens, Solguard Annuities and Norine MacDonald, LLB. Free to Faculty members and spouses. Room 60, School of Family and Nutritional Sciences Building. 4:30 - 8 p.m.

Cinema 16.

Seventh Seal. Directed by Ingmar Bergman. \$2, plus a one-time membership fee of \$1. SUB Auditorium. 7 and 9:30 p.m.

University Symphony Orchestra.

Gerald Stanick, conductor. Free admission. Recital Hall, Music Building. 8 p.m.

THURSDAY, NOV. 20 Psychiatry Lecture.

Post-Traumatic Stress Syndrome. Prof. James Tyhurst, Psychiatry, UBC. Room 2NA/B, Psychiatric Pavilion, Health Sciences Centre Hospital. 9 a.m.

Medical Grand Rounds.

Hypothesized Vulnerability of Nigral neurons to Neurotoxins. Dr. R. Fariello, Neurology and Pharmacology, Thomas Jefferson University Hospital, Philadelphia. Room G279, Lecture Theatre, HSCH. 12 noon.

Native Law Program.

Watagi Land Tribunal. Joe Williams, New Zealand Maori. Room 101 and 102, Law Building. 12:30 p.m.

University Symphony Orchestra.

Gerald Stanick, conductor. Repeat of Nov. 19 performance. Free admission. Recital Hall, Music Building. 12:30 p.m.

Gerontology Lecture.

Changes Over Time, In Patients and Their Families Following Geriatric Assessment: A Five-Year Study. Prof. Elaine Stolar, Acting Director, School of Social Work, UBC and Prof. Emeritus Mary A. Hill, School of Social Work. For more information, call 228-2081 or 228-5881. IRC 3. 1 p.m.

Environmetrics Seminar.

Long-Range Transport and Removal of Atmospheric Tracers. Dr. Marcia Baker, Department of Atmospheric Sciences, University of Washington. Room 102, Ponderosa Annex C Building. 3:30 p.m.

Physics Colloquium.

Quasiperiodic Semiconductor Superlattices. Prof. R. Merlin, University of Michigan. Room 201, Hennings Building. 4 p.m.

Family Practice Lecture.

Parenting. Virginia Satir, internationally-acclaimed family practice therapist, lecturer and author of *Peoplemaking*. Pre-registration fee, \$10; students \$8. For more information, call Centre for Continuing Education, 222-5261. SUB Ballroom. 7 p.m.

Student Chamber Ensembles.

String, woodwind and keyboard divisions. Free admission. Recital Hall, Music Building. 8 p.m.

FRIDAY, NOV. 21 Student Chamber Ensembles.

Repeat of Nov. 20 concert. Free admission. Recital Hall, Music Building. 12:30 p.m.

Pharmaceutical Sciences Seminar

Myocardial Adaptation to Exercise: Cellular and Molecular Mechanisms. Dr. Glen Tibbitts, Kinesiology, Simon Fraser University. IRC 3. 12:30 p.m.

Habitat Lecture '86.

British Planning Under Thatcher: An Assessment. Prof. Gordon E. Cherry, Dean of Social Science, University of Birmingham. Room 102, Lasserre Building. 12:30 p.m.

Medical Genetics Seminar.

Preclinical Detection of Huntington Disease. Dr. Michael Hayden, Medical Genetics, UBC. Parentcraft Room, Main Floor, Grace Hospital. 1 p.m.

Commerce Finance Workshop.

Vendor Financing and the Role of Captive Financing. Michael Brennan, V. Maksimovic, J. Zechner, UBC. Penthouse, Henry Angus Building. 3:30 p.m.

Graduate Music Colloquium.

Il Trovatore: Italian Periodical, 1854-1913. Prof. Richard Kitson, UBC. Free Admission. Seminar Room, Music Building. 3:30 p.m.

SATURDAY, NOV. 22 University Singers.

James Fankhauser, director. Music by Bach, Britten, Bernstein and Verdi. Free admission. Recital Hall, Music Building. 8 p.m.

NOTICES

Nitobe Memorial Garden.

From Nov. 13, the Nitobe Memorial Garden will be closed weekends. Hours will be Monday to Friday, 10 a.m. to 3 p.m. Free admission during winter hours.

London Theatre Tour.

UBC's Centre for Continuing Education is offering a London theatre tour Feb. 20 to March 2, 1987. Trip includes six theatre performances, visits to Cambridge University, the Museum of London, the National Portrait Gallery, and a tour of the city's theatres. Cost is \$2,350; airfare, accommodations and transfers included. For more information, call Jo Ledingham at 222-5207.

Faculty Women's Club.

The Faculty Women's Club of UBC is celebrating its 70th year. All women faculty members and wives of faculty members are cordially invited to join the club. For further information, call Peggy MacGregor, 222-1134

Volleyball.

Faculty and staff volleyball group meets from 12:30 - 1:30 p.m. every Monday (Gymnasium A), and Wednesday (Gymnasium B), in the Osborne Centre. New or experienced players are welcome to participate in recreational games at any time.

Pipes and Drums.

Any pipers and drummers among faculty, students and staff interested in practicing and playing on campus are asked to contact Dr. Edward Mornin, Germanic Studies, 228-5140.

Fitness Appraisal.

The School of Physical Education and Recreation, through the new John M. Buchanan Fitness and Research Centre, is administering a comprehensive physical fitness assessment program available to students, faculty, staff and the general public. A complete assessment takes approximately one hour and encompasses the various fitness tests, an interpretation of the results, detailed counselling and an exercise prescription. A fee of \$20 for students and \$25 for all others is charged. For additional information, please call 228-3996, or inquire at Recreation UBC, War Memorial Gym, Room 203.

Oldtimers Hockey.

UBC faculty and graduates have organized an oldtimers ice hockey team which plays a friendly, non-contact game on Mondays from 4:15 to 5:15 p.m., followed by a social hour in the Thunderbird Winter Sports Centre.

GRANT DEADLINES

DECEMBER 1986

- * Agriculture Canada
 - Operating Grant [1]
- * American Council of Learned Societies
 - Eastern European Studies Grant [1]
 - Grants-in-Aid [15]
 - Mellon Fellowships for Chinese Studies [1]
- * Association of Commonwealth Universities
 - Commonwealth Medical Fellowships [31]
- * B.C. Heritage Trust
 - Scholarship Program [31]
- * Baker, E.A. Fdn. for Prevention of Blindness
 - Fellowship [1]
 - Research [1]
- * Canada Council: Arts Awards
 - Visiting Foreign Artists [15]
- * Canadian Cancer Society
 - McEachern Fellowships [1]
- * Canadian Federation of University Women
 - Graduate Fellowships for Women [15]
- * Canadian Heart Foundation
 - Medical Scientist Fellowship [1]
 - Nursing Research Fellowship [1]
 - Research Fellowship [1]
 - Research Traineeship [1]
- * Canadian Institute of Ukrainian Studies
 - Research [1]
- * Canadian Life and Health Insurance Assoc. Inc.
 - Medical Scholarships [15]
- * Canadian Lung Association
 - Fellowship [15]
 - Research [15]
- * Cargill Limited
 - Cargill Research Fund [1]
- * Cattell, James McKeen Fund
 - James McKeen Cattell Sabbatical Award [1]
- * Damon Runyon-Walter Winchell Cancer Fund
 - Clinical Scientists Fellowship [15]
 - Postdoctoral Fellowship Grant [15]
- * Deutscher Akademischer Austauschdienst (DAAD)
 - Study Visits of Foreign Academics [1]
- * Diabetes Canada
 - Bursary for Health Professionals [1]
 - Research Fellowship [1]
 - Research Scholarship [1]
 - Traineeship [1]
- * Donner Canadian Foundation
 - Programme and Research [1]
- * Environment Canada: Atmospheric Envir.
 - Science Subvention Program [31]
- * Environment Canada: Inland Waters Dir.
 - Water Resources Research Support Program [3]
- * Fisheries and Oceans Canada
 - Science Subvention Program [1]
- * Gairdner Foundation
 - International Awards [15]
- * Grant (William T.) Foundation
 - One-time Grants [1]
- * Hamilton Foundation
 - E.B. Eastburn Fellowship Fund [31]
- * Health and Welfare Canada: NHRDP Projects
 - NHRDP Demonstration Projects [1]
 - NHRDP Preliminary Development Projects [1]
 - NHRDP Research Grant [1]
 - NHRDP Studies [1]

Additional players are welcome, preferably faculty and staff or former graduates over 50 years of age. Goalies of any age are particularly welcome. This team has been invited to play another oldtimer team in Japan in early May 1987, and a family tour of East Asia is being arranged. For information, call Dr. Lewis Robinson, Geography, 228-3188.

Art Exhibit.

The Art of the Polish Poster. An exhibit in the lobby of the Frederic Wood Theatre, arranged by Chris Mirski and the Dept. of Germanic Studies, the Department of Slavonic Studies and the Dept. of Theatre. Daily, 7 - 11 p.m. for patrons of Arthur Miller's *The Crucible*.

Frederic Wood Theatre.

The Crucible by Arthur Miller under the direction of Stanley Weese. Nov. 12 through 22 (except Sunday). Tickets available for the two preview performances Nov. 12 and 13. Extra performance on Nov. 20 at 12:30 p.m. Curtain time is 8 p.m. each evening. For more information and reservations, phone 228-2878, or drop by Room 207, Frederic Wood Theatre Building.

Badminton Club.

Faculty and staff badminton club meets Tuesdays 8:30 - 10:30 p.m. and Fridays 7:30 - 9:30 p.m. (except Nov. 14) in Gymnasium A of the Robert Osborne Sports Centre. Fees \$15 per year. New members welcome. For more information, call Bernie, 228-4025.

Radiation Protection Courses.

The third session of the Radiation Protection Course is scheduled for Nov. 17 - 20. The course is aimed at UBC faculty, technicians and students who will be using radioactive materials this year. All new users must attend the course before ordering or handling any radioisotope. Additional course sessions are scheduled for the following periods: Dec. 15-18; Jan. 19-22; Feb. 23-26; March 23-26. All sessions will be held from 9 a.m. to noon, except those in December and January, which will meet from 1 to 4 p.m. To register, send a memo to Armando E. Zea, Radiation Protection Office, G-325, Acute Care Unit, giving name, department, supervisor's name (if applicable), office or lab phone number and first or second choice of course dates. Telephone applications are not allowed.

FIRST CLASS MAIL

UBC Reports is published every second Thursday by Community Relations, UBC 6328 Memorial Road, Vancouver, B.C. V6T 1W5 Telephone 228-3131. Elaine Stevens, editor. Contributing writers: Lorie Chortyk, Jim Banham, Peter Thompson.

Calendar Deadlines.

For events in the period Nov. 29 to Dec. 6, notices must be submitted on proper Calendar forms no later than 4 p.m. on Thursday, Nov. 19 to the Community Relations Office, 6328 Memorial Road, Room 207, Old Administration Building. For more information, call 228-3131.