UBC REPORTS

February 18, 1981 Volume 27, Number 4

Rehab pioneer among five to be honored

Edmund J. "Ed" Desjardins, a quadriplegic who pioneered the development of rehabilitation services for the physically handicapped in Western Canada, will be one of five persons receiving honorary degrees at UBC's spring Congregation ceremonies May 27, 28 and 29.

Desjardins, who retired recently as executive director of the G.F. Strong Rehabilitation Centre in Vancouver, will be honored on May 29 with Bora Laskin, chief justice of Canada's Supreme Court, who was prevented by illness from receiving an honorary degree in 1980.

Others who will be honored at the three-day ceremony are:

Elly Ameling of the Netherlands, a renowned soprano who has been internationally acclaimed as a concert and opera singer and as a recording artist;

T.C. "Tommy" Douglas, a Canadian political figure for more than four decades and leader of the New Democratic Party from 1961 to 1971; and

Harold M. Wright of Vancouver, a UBC graduate and chairman of Wright Engineers Ltd., a leading Canadian mining and engineering firm.

Ed Desjardins has been honored and cited by numerous health and rehabilitation organizations for dedicated and distinguished leadership in the development of rehabilitation services for the handicapped.

He has been confined to a wheelchair since 1944 as the result of a military training accident in England while a member of the First Canadian Parachute Battalion. He became manager of the G.F. Strong Rehabilitation Centre in 1948 after serving as office manager for the rehabilitation division of the Department of Veterans' Affairs.

Bora Laskin was a noted legal educator before being appointed to the bench as a judge of the Court of Appeal of the Supreme Court of Ontario in 1965.

Mr. Laskin was appointed to the Supreme Court of Canada in 1970 and three years later was named Canada's chief justice.

Elly Ameling has been internationally acclaimed for the purity, warmth and passion of her voice as a singer of songs and oratorio by classical and modern composers and for her natural grace and dignity as an opera singer.

Born in Rotterdam, she had won two major European awards in voice competition by the age of 20. During her career as a concert artist, she has sung with orchestras on all five continents and recorded lieder, oratorio and cantatas by composers ranging from Bach to Bruckner and Mahler.

Tommy Douglas was educated at Brandon College, McMaster University, where he received the degrees of Bachelor and Master of Arts, and the University of Chicago before entering the Baptist ministry.

He was first elected to the federal House of Commons in 1935 and resigned as an MP in 1944 to lead the CCF party in Saskatchewan. He was premier of that province until 1961, when he was elected national leader of the NDP, a post he held until 1971.

From 1962 until his retirement from politics in May, 1979, he represented the B.C. constituencies of Burnaby-Coquitlam and Nanaimo-Cowichan-The Islands in the federal house.

Harold Wright, who heads one of Canada's best-known mining engineering firms, has been honored on numerous occasions for his professional activities and for his involvement in amateur sport in Canada.

Third-year Arts student Gitta Tobjinski couldn't resist pausing for a moment during a recent sunny spell to have a close look at blossoming cherry trees beside UBC's Civil and Mechanical Engineering Building.

Hockey women reach target

UBC's women's field hockey team was all smiles last week when they learned that President Douglas Kenny had agreed to provide $5,000 from University funds to enable them to reach a fund-raising goal of $25,000 for an overseas trip this spring.

The team, which won the Canadian university championship in Toronto in November, has been invited to take part in an international university tournament in Glasgow on Easter weekend April 17-19.

The team will tour Scotland, England and Wales following the tournament. A total of 16 players and coach Gail Wilson will make the trip.

The team raised $20,000 through car washes, bottle drives, raffles and donations from business firms. Chairman of the tour-organizing committee is team captain Anne Crofts, a third-year Physical Education student.

Clyne back as chancellor

John Valentine Clyne, a former member of the Supreme Court of B.C. and retired chairman and chief executive officer of MacMillan Bloedel, will serve a second three-year term as chancellor of the University.

He was an easy winner over college teacher Stan Persky in a mail ballot of UBC's Convocation (graduates, faculty and Senate).

Clyne received 9,022 or 69 per cent of the 13,084 votes. Persky tallied 4,062 votes, 31 per cent. Only 18 per cent of the eligible voters cast ballots.

The same men contested the chancellorship three years ago, Clyne winning then 10,359 votes to 4,275.

Clyne, who graduated from UBC in 1923, served three terms on the UBC Senate from 1951 to 1960. Persky was a student at UBC from 1966 to 1973 and holds two UBC degrees.

As chancellor, Clyne also will serve on the Senate and Board of Governors of the University, and will preside at ceremonial occasions.

The chancellor is eligible to hold office for a maximum of six years and receives no salary or any other fee or honorarium for services to the University.

Also elected by Convocation on the chancellorship ballot were 11 members of Senate, who will serve three-year terms.

Elected from a field of 15 nominees were (an asterisk indicates re-election): William H. Birmingham*, Mary F. Bishop*, Grant D. Burnyeat, Patricia M. Fulton*, William M. Keenleyside*, Anne E. Macdonald, Elaine McAndrew*, James F. McWilliams*, Ruth E. Robinson, Charlotte L.V. Warren* and G. Vernon Wellburn.

Room vacant? help the hospital

Would you like to help people from all over the province?

Rent your spare accommodation to relatives of patients at the new acute care unit of UBC.

Some of the patients at the 240-bed unit are referred by their doctors from out of town, and are sometimes accompanied by relatives who need temporary accommodation near the University.

Anyone interested in helping with temporary accommodation should phone Ms. Anna Ruth McMaster, social worker, acute care unit, at 228-7063.

Betty Chan of UBC's Department of Finance received an award of merit from Lower Mainland United Way for service above and beyond the call of duty during the 1980 fund-raising campaign. On hand for presentation by United Way campaign co-ordinator Patrick Oswald, second right, were (left to right) vice-president Jim Kennedy, assistant accountant Norm Housten, and accounting and insurance supervisor John Lomax, who chaired UBC United Way campaign. Faculty, staff and students donated a record $102,172, $2,172 over target and 18 per cent above 1979 total.

Can computers think?

Artificial intelligence, one of the most exciting topics in computer science but one of potential concern, will be examined thoroughly in a week-long international conference at UBC in August.

The 1981 International Joint Conference on Artificial Intelligence (IJCAI-81) will bring together leading computer science researchers from Britain, France, the Soviet Union, Italy, Japan, Germany, Canada and the United States.

A research and development exhibit program being held in conjunction with the conference, Aug. 24-28, will feature some of the latest international developments in artificial intelligence hardware and software. A one-day tutorial program, Aug. 24, will explore the most significant contemporary elements of artificial intelligence.

Deadline for submitting papers for the conference is March 1. If you are interested, contact Richard Rosenberg in Computer Science, 228-3065.

Graduation cards; this is the week

If you're expecting to graduate this year and haven't yet filed an "Application for Graduation" card with the Registrar's Office, you'd better do something about it this week.

Unless you submit a card, your name won't appear on the list of degree candidates that goes to Senate for approval in May.

If you haven't received a card in the mail, you can get one at the Registrar's Office in The General Services Administration Building. If you're a graduate student ask your graduate advisor for one.

Remember — no application, no degree.

YEP says yes to student jobs

The provincial government's Youth Employment Program will be operating again in the summer of 1981 and project applications should be available in faculty offices this week.

The program, which pays students to carry out projects that further their career goals, pays first and second-year students $650 a month, third, fourth and fifth-year students $700 a month and graduate students $775 a month during the period of May 1 to Aug. 31.

YEP administrator Dick Shirran, director of UBC's Student Counselling and Resource Centre, said that all projects must carry the signature of a University faculty member or senior administrator who is prepared to act as a project supervisor during the term of the project.

8 students submit Constitution brief

Eight members of a UBC history class have submitted a 14-page brief on the Canadian Constitution to the Joint Committee of Parliament on the Constitution, in which they claim that unilateral action by the federal government will be at the expense of long-range interests of Canadians.

"The federal government is attempting to take a symbolic step to nationhood and yet it is breaching a constitutional convention developed in Canada regarding provincial consent . . .," the brief states.

The students, all members of Prof. Murray Greenwood's History 420 class, propose the following formula for the patriation and creation of a new constitution:

1. Simple patriation of the British North America Act, with renunciation by the British Parliament of all legislative power over Canadian affairs;

2. A national referendum to choose either a federally-proposed amending formula, a provincially-proposed amending formula, or a national referendum with regional majorities;

3. An elected constituent assembly.

"The only federal action would be patriation which has already received provincial consent," the brief says. "The actual amendment of the constitution would be carried out under a new and popularly-decided amending procedure.

Some proposals the students would like to see embodied in the constitution:

— The right of the deaf to a translator in any court proceeding;

— Guarantee of protection against unreasonable search and seizure;

— Limiting of Emergency Power;

— The right of presumption of innocence;

— Protection against retroactive tribunals and guilt by association;

— Protection of native language rights;

— Protection against discrimination based on marital status, sexual preference, and physical and mental handicaps. This should extend to private and public sectors of the economy, particularly accommodation, services, and employment.

The students stated in their brief that there were many issues on which they were unable to reach agreement. These included abortion and capital punishment, and criminal conviction and pregnancy as bases of discrimination.

The brief was prepared and submitted by students Douglas Archer, Colin Beairsto, Richard Gee, Ann Hayward, Mark Keelan, Sandra Leonard, Peter Seidl and Murray Wolf.

Library worker dies

Funeral services were held Feb. 6 for Mr. John Uzaraga, a UBC library employee who died Feb. 1 at the age of 47.

Mr. Uzaraga, a Burnaby resident, joined UBC as a stack attendent in Sedgewick Library in 1971 and became stack supervisor in Woodward Library the following year.

He is survived by his wife, Juliana, and three children.

New student leaders take office today

Outgoing and incoming members of the Alma Mater Society executive will meet today at 12:30 p.m. in the conversation pit of the Student Union Building for an annual general meeting. Students, staff and faculty are invited.

The new AMS council will be led by president Marlea Haugen, who served as vice-president of the outgoing council.

Other members are Peter Mitchell, vice-president; Bill Maslechko, director of administration; Jane Loftus, finance director and James Hollis, director of external affairs.

Ms. Haugen said the council's first priority will be to reorganize the structure of the AMS.

"The organization has grown so much that changes are needed in the present system in order for it to work," she said. "Our first concern will be implementing these changes."

TAs, University reach agreement

A memorandum of agreement has been signed by University negotiators and representatives of Local 2278 of the Canadian Union of Public Employees (the new union of teaching assistants).

The contract runs from Sept. 1, 1980, to Aug. 31, 1981, and covers wages and working conditions for more than 1,000 teaching assistants and markers at UBC.

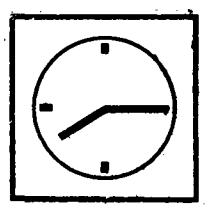
Wages run from $6.15 an hour for markers to $13.30 an hour for graduate teaching assistants who hold a master's degree.

Meanwhile, Local 2278 has applied to the Labor Relations Board for certification to represent the 12 pre-school teachers and assistants at the Berwick Centre.

UBC CALENDAR

The Vancouver Institute.

Saturday, Feb. 21



Urban Revolutions: Past and Present. Prof. Christopher R. Friedrichs, History, UBC.

Saturday, Feb. 28

The Threat of Over-population. Dr. Richard J. Blandau, Biological Structure, University of Washington.

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

UBC Calendar Deadlines

For events in the weeks of March 8 and March 15, material must be submitted not later than 4 p.m. on Feb. 26.
Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

SUNDAY, FEB. 22

B.C. Gardens.

Sixth in a series of CBC television programs featuring the UBC Botanical Gardens as an anchor point for a province-wide look at horticulture. Hosts: David Tarrant, Botanical Garden educational co-ordinator, and CBC personality Bob Switzer. Today's program looks at Bradner Daffodils. CBC, Channel 3. 1:00 p.m.

Centre for Continuing Education Lecture.

A Day with Peter Caddy: The Findhorn Community and Beyond — New Phases. Peter Caddy, co-founder of the Findhorn Community in northern Scotland. Admission is $20; $15 for students. For more information, call 228-2181, local 261. Lecture Hall 2, Woodward Instructional Resources Centre. 2:00 p.m.

MONDAY, FEB. 23

Cancer Research Seminar.

A Mathematical Model of Drug Resistance. Andrew J. Coldman, statistician, Epidemiology, Cancer Control Agency of B.C. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12:00 noon.

Computing Centre/Classics Lecture.

Computers and the Study of Greek Statuary. Dr. Eleanor Guralnick, Archaeological Institute of America. Room 104, Lasserre Building. 12:30 p.m.

Hispanic and Italian Studies Slide Lecture.

Machu Picchu e Italica: el motivo arqueologico en la poesia epico-dialectica de Neruda. Prof. Jesus Lopez-Pacheco, University of Western Ontario. Room 202, Buchanan Building. 12:30 p.m.

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UBC CALENDAR

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World University Services of Canada.
Self-Reliance, a film about China's heritage from pre-revolutionary industrial development. Room 205, Buchanan Building. 12:30 p.m.

Planetary Economics Series.
The Grains of Conflict. Room 308, Library Processing Building. 12:30 p.m.

Applied Mathematics Seminar.
Diffraction of Low Frequency Elastic Waves. Prof. V.T. Buchwald, dean of Science, University of New South Wales, Sidney, Australia. Room 203, Mathematics Building. 3:45 p.m.

Biochemical Discussion Group.
Expression of Agrobacterium tumefaciens T-DNA in Crown Gall Tumors. Dr. Joan McPherson, Biochemistry, University of Washington, Seattle. Lecture Hall 3, Woodward Instructional Resources Centre. 4:00 p.m.

Astronomy Seminar.
Giant Molecular Clouds: Tracers of Galactic Rotation. Dr. W.L.H. Shuter, Physics, UBC. Room 318, Hennings Building. 4:00 p.m.

International House.
English Language Evening. Gate 4. 7:00 p.m.

Archeology Lecture.
Greece and Egypt in the Seventh and Sixth Centuries B.C. Dr. Eleanor Guralnick, Archaeological Institute of America. Theatre, Museum of Anthropology. 8:00 p.m.

Immunology Seminar.
Activation of Latent Herpes Simplex Virus in the Central Nervous System of Mice Following Immunosuppression. Dr. Lorne Kastrukoff, Medicine, UBC. Salons B and C, Faculty Club. 8:00 p.m.

TUESDAY, FEB. 24

Israel Week.
Jerusalem: City of Peace. Prof. Michael Turner, Bzalel Jerusalem Arts Academy, Israel. Admission is free. Rooms 207/209, Student Union Building. 12:30 p.m.

Koerner Foundation Lecture.
The Populist Contribution to Democratic Theory. Prof. Lawrence Goodwyn, History, Duke University, Durham, N.C. Room 100, Buchanan Building. 12:30 p.m.

French Lecture.
To Begin with a Question: Beckett's L'innommable. Prof. Brian T. Fitch, University of Toronto. Room 102, Buchanan Building. 12:30 p.m.

Botany Seminar.
Topic Vegetation Mapping. Prof. emeritus A.W. Kuchler, Geography, University of Kansas. Room 3219, Biological Sciences Building. 12:30 p.m.

Asian Research Noon-Hour Series.
Hinduism: The God of Song and How Death Came to Earth. Two films. Room 106, Buchanan Building. 12:30 p.m.

Weekly Weather Briefing.
Weekly lunch hour weather map discussions are held every Tuesday. All interested students, faculty and staff are invited to attend. Room 215, Geography Building. 12:30 p.m.

The Doctor and the Others Series.
Disease, Diagnosis and Treatment: The Example of Syphilis. Dr. John Norris. Lecture Hall 4, Woodward Instructional Resources Centre. 12:30 p.m.

Political Science Lecture.
The Conservative Experiment in Britain. Prof. Jack Hayward, Politics, University of Hull, England. Room 205, Buchanan Building. 12:30 p.m.

Slavonic Studies Lecture.
The Unification of Russian Literature: Emigre and Soviet. Prof. Carl Proffer, University of Michigan. Room 204, Buchanan Building. 12:30 p.m.

Modern Chemical Science Seminar.
Solvated Electrons. Dr. D.C. Walker, Chemistry, UBC. Room 225, Chemistry Building. 1:30 p.m.

Electrical Engineering Seminar.
Microtel Pacific Research — A New Presence in British Columbia. Dr. John Madden, president, Microtel Pacific Research Ltd., Burnaby, B.C. Room 402, Electrical Engineering Building. 1:30 p.m.

Oceanography Seminar.
Ocean Turbulence. Dr. T.R. Osborn, Oceanography, UBC. Room 1465, Biological Sciences Building. 3:30 p.m.

Koerner Foundation Seminar.
The Populists: Were They Right? An Assessment of the Populist Critique of the Gilded Age. Prof. Lawrence Goodwyn, History, Duke University, Durham, N.C. Room 1210, Buchanan Building. 3:30 p.m.

Management Science Seminar.
Optimal Control of Diffusion Processes: An Introduction and an Example. Prof. R. Vickson, Management Science, University of Waterloo. Room 312, Angus Building. 3:30 p.m.

Slavonic Studies Lecture.
Village Life in West Ukraine After the Second World War. David Marples. Room 219, Buchanan Building. 3:30 p.m.

Biomembrane Discussion Group Seminar.
Proton Translocating ATPase of E. coli. Dr. P.D. Bragg, Biochemistry, UBC. Lecture Hall 1, Woodward Instructional Resources Centre. 4:00 p.m.

Chemistry Research Conference Series.
Studies in Plant-Tissue Cultures: Potential Sources of Clinically Important Anti-Tumor Agents, Dr. J.P. Kutney, Chemistry, UBC. Room 250, Chemistry Building. 4:30 p.m.

Physiology Seminar.
Immunological Studies in Multiple Sclerosis. Dr. D. Paty, Neurology, UBC. Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

International House.
Spanish Language Evening. Gate 4. 7:00 p.m.

UBC Public Affairs.
The Constitutional Debate: The British Connection. Dr. Murray Greenwood, History, UBC, with host Gerald Savory. Cable 10, Vancouver Cablevision. (Program will be repeated on Feb. 25 at 3:00 p.m.) 9:00 p.m.

WEDNESDAY, FEB. 25

Science and the Citizen.
Solving Diseases of the Brain. Dr. Patrick L. McGeer, Neurological Sciences, UBC, and Minister of Universities, Science, and Communications. Auditorium, Robson Square Media Centre. 12:00 noon.

Simulation and Modelling in Science.
Modelling Materials According to Their Internal Symmetries. Prof. H.J. Weinitschke, Mathematics, University of Erlangen. Room 105, Mathematics Building. 12:30 p.m.

Israel Week.
Israeli dancing and falafel lunch. Instruction from Karen Kay. Party Room, Student Union Building. 12:30 p.m.

Faculty Association Meeting.
The Agreement on Conditions of Appointment for members in the Faculty of Arts. Dr. Richard Spencer, Civil Engineering, UBC. Room 204, Buchanan Building. 12:30 p.m.

Wednesday Noon-Hour Concert.
Music of Dvorak and Vivaldi. UBC Chamber Strings, with John Loban, leader. Recital Hall, Music Building. 12:30 p.m.

Pharmacology Seminar.
Hypercystinemia and Psychosis: Further Clues to Biochemical Causes of Mental Illness. Rooms G41-42, Woodward Instructional Resources Centre. 12:30 p.m.

The Doctor and the Others Series.
Preventive and Occupational Medicine in the Scientific Era. Dr. John Norris. Lecture Hall 1, Woodward Instructional Resources Centre. 12:30 p.m.

International House.
Rumpelstilschen, a German marionette theatre performance. Admission is free. Ballroom, International House. 12:30 p.m.

Women's Week.
Women in Western Art, a slide show presented by Avis Lang Rosenberg. Room 104, Lasserre Building. 12:30 p.m.

Ascent of Man Series.
The Drive for Power. Room 308, Library Processing Building. 12:30 p.m.

Slavonic Studies Lecture.
The Double World of Vladimir Nabokov. Prof. Carl Proffer, University of Michigan. Room 102, Buchanan Building. 12:30 p.m.

Slavonic Studies Lecture.
Nadezhda Mandelstam and the Widows of Russia. Prof. Carl Proffer. Room 2224, Buchanan Building. 3:30 p.m.

Biochemical Discussion Group Seminar.
Recent Work on Gene Transfer Using DNA. Dr. Lou Simonovich, Hospital for Sick Children, Toronto. Lecture Hall 5, Woodward Instructional Resources Centre. 4:00 p.m.

Animal Resource Ecology Seminar.
Hide-and-Seek or Equilibrium? A Recent Look at Prickly Pear and Cactoblastis in Australia. Room 32, Hut B-2. 4:00 p.m.

Women's Week.
Beer Garden. Room 125, Student Union Building. For more information, call 228-2163. 5:00 p.m.

UBC Aqua Society Marine Biology Presentation.
Marine Life in B.C. Waters. Rick Harbo, marine biologist and underwater photographer, Vancouver. Lecture Hall 1, Woodward Instructional Resources Centre. 7:30 p.m.

Cinemawest.
Repulsion. Admission is $1 with AMS card. Auditorium, Student Union Building. 8:00 p.m.

Mackay Lecture Series.
Northern Pipelines: A Decade's Perspective. John G. Fyles, deputy director-general, The Geological Survey of Canada. Room 100, Geography Building. 8:00 p.m.

THURSDAY, FEB. 26

Medical Grand Rounds.
Coccidiomycosis — Recent Cases at VGH, An Update on Diagnosis and Management. Dr. A.W. Chow, Dr. W.R. Bowie and Dr. M.J. Gribble. B Lecture Hall, Vancouver General Hospital. 9:00 a.m.

Blood Donor Clinic.
A blood donor clinic, co-sponsored by the Forestry Undergraduate Society, will take place in the conversation pit of the Student Union Building from 10:00 a.m. to 4:00 p.m.

SUB Special Luncheon.
UBC Dietetics 4 presents "A Taste of Paris" with quiche Lorraine, salad, french onion soup and le gateau sans nom. Snack Bar, Student Union Building. 11:30 a.m. to 1:00 p.m.

Chemistry Seminar.
Cyclic Photochemistry — The Odyssey of an Ylide. Prof. Anthony M. Trozzolo, Science, University of Notre Dame, Ind. Room 124, Chemistry Building. 11:30 a.m.

Changing Retirement Policies Seminar.
Sheryl Bond, Employee Relations/Retirement consultant will speak on issues facing managers and executives who design and implement policies on human resources or company benefits. Fee is $48 (includes luncheon). For more information, call 228-2181. Chateau Granville. 12:00 noon to 5:00 p.m.

Centre for Human Settlements Special Presentation.
Splendor Undiminished. Room 308, Library Processing Building. 12:30 p.m.

Political Science Lecture.
How United the Kingdom? Britain in the 1980s. Prof. Jack Hayward, Politics, University of Hull, England. Room 204, Buchanan Building. 12:30 p.m.

Faculty Association Information Session.
Venturesome Investing. Room 157, Law Building. 12:30 p.m.

Israel Week.
Zionism — What is it? Sincha Jacobovici. Room 203, Buchanan Building. 12:30 p.m.

French Lecture.
L'Etranger de Camus. Prof. Brian T. Fitch, University of Toronto. Room 202, Buchanan Building. 12:30 p.m.

Fine Arts Faculty Lecture.
Sacrifice for the Advance of Gothic Art: The Return of the Son of St. Germer. Marc Pessin. Room 104, Lasserre Building. 12:30 p.m.

The Doctor and the Others Series.
Preventive and Occupational Medicine in the Scientific Era. Dr. John Norris. Lecture Hall 1, Woodward Instructional Resources Centre. 12:30 p.m.

Southeast Asia Seminar.
The Thais of Thailand: Origins and Homeland. Jim Placzek, Linguistics, UBC. Penthouse, Buchanan Building. 12:30 p.m.

Cinemawest.
Repulsion. Admission is $1 with AMS card. Auditorium, Student Union Building. 12:30 p.m.

Panel Discussion.
Women in Business Administration. Sponsored by the Women Students' Office. Speakers: L. Binkert, J. Claxton, J. De Roo, J. Kaufman and G. Sharp. Room 102, Buchanan Building. 12:30 p.m.

Economics Lecture.
Ontario: Between Alberta and the Deep Blue Sea. Prof. D. Purvis, Queen's University. Room 100, Buchanan Building. 12:30 p.m.

Asian Centre Inaugural Year Activities.
A performance of classical dance of India. Menaka Thakkar, Toronto. Upper Lounge, International House. 12:30 p.m.

Pharmaceutical Sciences Seminar.
Cardiovascular Effects of Adriamycin Toxicity. Dr. S. Rabkin, Medicine/Cardiology, Shaughnessy Hospital. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Resource Management Science/ Soil Science Lecture.
Water Resource Management — Lake Titicaca, Peru. Dr. T. Northcote. Room 154, MacMillan Building. 12:30 p.m.

Physics Condensed Matter Seminar.
Heat Mirrors. Robert Parsons, UBC. Room 318, Hennings Building. 2:30 p.m.

Slavonic Studies Lecture.
The Immediate Past and Future of Russian Literature. Prof. Carl Proffer, University of Michigan. Room 2224, Buchanan Building. 3:30 p.m.

French Lecture.
Narcisse interprete: La Chute comme modele hermeneutique. Prof. Brian T. Fitch, University of Toronto. Penthouse, Buchanan Building. 3:30 p.m.

Physics Colloquium.
Surface Physics Applied to Immunology. Dr. I. Giaever, Research and Development Centre, General Electric Co., Schenectady, N.Y. Room 201, Hennings Building. 4:00 p.m.

Biochemical Discussion Group Seminar.
Genes and Junk Sequencing in Human Genomic DNA. Dr. Susumu Ohno, City of Hope National Medical Center, Duarte, Calif. Lecture Hall 5, Woodward Instructional Resources Centre. 4:00 p.m.

Zoology Seminar.
Diets in the Deep Sea: Abyssal Autotrophy by Hydrothermal Vent Animals. Dr. George Somero, Scripps Institute of Oceanography, La Jolla, Calif. Room 2000, Biological Sciences Building. 4:30 p.m.

Asian Research China Seminar.
China's Southern Maritime Claims — The Dispute Over Paracel and Spratley Islands. Dr. Marwyn Samuels, Geography, UBC. Penthouse, Buchanan Building. 4:30 p.m.

International House.
Movement to Sound. Open to all. Upper Lounge, International House. 6:00 p.m.

Subfilms.
The Black Stallion. Continues until Sunday, March 1. Showings are 7:00 and 9:30 p.m. on Friday and Saturday, and 7:00 p.m. on Sunday. Admission is $1 with AMS card. Auditorium, Student Union Building. 7:00 p.m.

CUSO South Africa Night.
Generations of Resistance. Admission is $1. You can pre-register by calling 228-4886. Upper Lounge, International House. 7:30 p.m.

FRIDAY, FEB. 27

French Lecture.
Reflexions sur l'enseignement en France, en Angleterre, aux Etats-Unis et au Canada. Prof. Brian T. Fitch, University of Toronto. Penthouse, Buchanan Building. 10:30 a.m.

Israel Week.
Experiencing the Holy Land. Rami Raz. Admission is free. Hillel House. 12:30 p.m.

Collegium Musicum Ensemble.
Music of the French Baroque. Margaret Kuhl, soprano; James Fankhauser, tenor; John Sawyer, violin; Doreen Oke, harpsichord; and Nan Mackie, viola da gamba. Recital Hall, Music Building. 12:30 p.m.

Developmental Medicine Seminar.
Interactions Between Vascular Smooth Muscle and Autonomic Nerve Terminals. Dr. Mary Todd, Anatomy, UBC. First Floor Seminar Room, Willow Pavilion, VGH. 12:30 p.m.

Sigma Xi Club Lecture.
In vitro Fertilization and the Test Tube Baby. Prof. Richard J. Blandau, Biological Structure, University of Washington. Lecture Hall 6, Woodward Instructional Resources Centre. 12:30 p.m.

Medical Genetics Seminar.
Congenital Heart Disease in the Adult Noonan's Syndrome. Dr. V. Huckle. Fourth Floor Conference Room, Health Centre for Children. 1:00 p.m.

Linguistics Colloquium.
Some Properties of Natural Languages That Would Follow From the Theory of Phrase Structure. Prof. Geoffrey Pullum, University College, London. Room 2225, Buchanan Building. 3:30 p.m.

Political Science Lecture.
Pressure Groups in Great Britain: Unions in Britain. Prof. Jack Hayward, Politics, University of Hull, England. Penthouse, Buchanan Building. 3:30 p.m.

International House.
Folk Night. Gate 4. 7:30 p.m.

International House.
Slides and discussion on Nepal. Admission is 50c. Everyone welcome. Upper Lounge, International House. 8:00 p.m.

Women's Week.
Feminist Art and Literature. Robin Morgan. Followed by a wine and cheese reception in the Women Student's Lounge. Tickets are $3.00; $2.50 for students. For more information, call 228-2163. Lecture Hall 2, Woodward Instructional Resources Centre. 8:00 p.m.

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UBC CALENDAR

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Graduation Recital.
Music by Sherilyn Fritz. Chamber orchestra, Chamber singers, percussion, voice, solo flute and actor, electronic tape and dancer. Recital Hall, Music Building. 8:00 p.m.

Ice Hockey.
University of Alberta Golden Bears are in town for a two-game series in the Thunderbird Winter Sports Centre. 8:00 p.m.

Men's Basketball.
The UBC Thunderbirds and the University of Lethbridge meet in the first of two weekend games in the War Memorial Gymnasium. 8:30 p.m.

SATURDAY, FEB. 28

Ice Hockey.
The second of two weekend games between the UBC Thunderbirds and the University of Alberta Golden Bears. Thunderbird Winter Sports Centre. 8:00 p.m.

Men's Basketball.
The UBC Thunderbirds meet the University of Lethbridge in the second of two weekend matches. War Memorial Gymnasium. 8:30 p.m.

SUNDAY, MARCH 1

B.C. Gardens.
Seventh in a series of CBC television programs featuring the UBC Botanical Garden as an anchor point for a province-wide look at horticulture. Hosts: David Tarrant, Botanical Garden educational co-ordinator, and CBC personality Bob Switzer. Today's program looks at Kelowna Gardens and Horticulture. CBC, Channel 3. 11:30 a.m.

Guest Pianist.
Music of Beethoven, Schumann, Franck and Chopin. Guest artist, Ivan Moravec, piano. For further information, call 228-3113. Recital Hall, Music Building. 8:00 p.m.

MONDAY, MARCH 2

Retirement Planning Workshop.
The Centre for Continuing Education is sponsoring a two-day workshop to train retirement planning instructors. Fee is $135 (includes cost of lunches and materials). Continues on Tuesday, March 3. For more information, call 228-2181. Pre-registration required. Conference Room, Centre for Continuing Education. 9:00 a.m. to 4:00 p.m. both days.

Asian Studies Lecture.
The Ramayana as a Source of Legitimization. Prof. Romila Thapar, Jawaharlal Nehru University, New Delhi. Room 304, Brock Hall. 9:30 a.m.

Hispanic and Italian Studies Lecture.
Woman, Cinema and Language. Prof. Teresa de Lauretis, University of Wisconsin. Room 202, Buchanan Building. 12:30 p.m.

World University Services of Canada.
Revolution or Death, a film about the rise of revolutionary movements in Central America and El Salvador. Room 205, Buchanan Building. 12:30 p.m.

Planetary Economics Series.
Harbour. Room 308, Library Processing Building. 12:30 p.m.

Computing Centre Lecture.
Basic FMT. The first in a series of six lectures on the text processing language FMT, by Ms. V. Lyon-Lamb of the UBC Computing Centre. You can pre-register by calling 228-6611. Room 447, Computer Sciences Building. 2:30 p.m.

Applied Mathematics Seminar.
How Can We Tell if a Given Nonlinear P.D.E. is Equivalent to a Linear P.D.E.? Sukeyuki Kumei, Mathematics, UBC. Room 203, Mathematics Building. 3:45 p.m.

Astronomy Seminar.
Formation of Galaxy Clusters. Dr. R.H. Miller, Astronomy and Astrophysics, University of Chicago. Room 318, Hennings Building. 4:00 p.m.

Zoology "Physiology Group" Seminar.
Bioluminescence in Two Members of the Marine Macroplankton, Hippopodius and Pyrosoma, Emphasizing Physiological Control Mechanisms and the Integration of Light Emission with Other Behavioral Acts. Dr. G.O. Mackie, Biology, UVic. Room 2449, Biological Sciences Building. 4:30 p.m.

Physiology Seminar.
Noise and Single-Channel Measurement of Amino Acid Induced Ionic Channels in Vertebrate Central Neurones. Dr. D.A. Mathers, Laboratory of Neurophysiology, NIH, Bethesda, Maryland. Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

Poetry Reading.
Elizabeth Brewster. Sponsored by the Department of Creative Writing and The League of Canadian Poets with the Assistance of the Canada Council. Admission free. Penthouse, Buchanan Building. 8:00 p.m.

TUESDAY, MARCH 3

Computing Centre Lecture.
Introduction to Using MTS: Commands, Files and Terminals (section 2). The first in a series of 12 lectures by Mr. M. Fox of the UBC Computing Centre. You can pre-register by calling 228-6611. Room 305A, Computer Sciences Building. 9:30 a.m.

Asian Studies Lecture.
Ideology and the Interpretation of Early Indian History. Prof. Romila Thapar, Jawaharlal Nehru University, New Delhi, India. Room 102, Lasserre Building. 12:30 p.m.

Asian Research Noon-Hour Series.
Rural Development in China. Dr. Ben Stavis, Michigan State University. Room 106, Buchanan Building. 12:30 p.m.

Weekly Weather Briefing.
Weekly lunch hour weather map discussions are held every Tuesday. All interested students, faculty and staff are invited to attend. Room 215, Geography Building. 12:30 p.m.

Hispanic and Italian Studies Lecture.
Exile: Some Literary Responses. Prof. Claudio Guillen, Harvard University. Room 205, Buchanan Building. 12:30 p.m.

The Doctor and the Others Series.
Medical Social Responsibility: Its Roots and Development. Dr. John Norris. Lecture Hall 4, Woodward Instructional Resources Centre. 12:30 p.m.

Koerner Foundation Lecture.
The Impact of the Women's Movement on Contemporary Culture. Judge Nancy Morrison. Co-sponsored by the Women Students' Office. For more information, call 228-2415. Penthouse, Buchanan Building. 12:30 p.m.

Botany Department Seminar.
Carboniferous Coal-Swamp Communities: Arborescent Lycopod Evolutionary Patterns. Dr. William DiMichele, Botany, University of Washington. Room 3219, Biological Sciences Building. 12:30 p.m.

Modern Chemical Science Seminar.
Crystal Structure Studies of Solid State Reactions. Dr. J. Trotter. Room 225, Chemistry Building. 1:30 p.m.

Oceanography Seminar.
Rare-Earth Elements in Ferromanganese Nodules. Dr. S.E. Calvert, Oceanography, UBC. Room 1465, Biological Sciences Building. 3:30 p.m.

Biomembrane Discussion Group.
Functional Rules of Lipid in Membranes. Dr. P.R. Cullis, Biochemistry, UBC. Lecture Hall 1, Woodward Instructional Resources Centre. 4:00 p.m.

Physiology Seminar.
C.N.S. Regulation of the Endocrine Pancreas. Dr. D. Porte, Endocrinology and Metabolism, Veterans Administration Hospital, Seattle. Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

Chemistry Research Conference Seminar.
Selectivity in Organic Synthesis. Dr. B.M. Trost, Chemistry, University of Wisconsin, Madison. Room 250, Chemistry Building. 4:30 p.m.

Faculty Women's Club.
The Faculty Women's Club Will Celebrate the 25th Anniversary of the Adoption by UBC of Sopron University in Hungary with a Special Hungarian Dinner and Entertainment at the Faculty Club. For more information call, 261-9007 or 738-6152. 7:00 p.m.

University Chamber Ensembles.
Music for Woodwind Ensembles with Keyboard and for Saxophone Quartet. Ronald de Kant, Paul Douglas and David Branter, directors. Recital Hall, Music Building. 8:00 p.m.

WEDNESDAY, MARCH 4

Hispanic and Italian Studies Lecture.
Literatura y moral en La Dorotea de Lope de Vega. Prof. Francisco Marquez Villanueva, Harvard University. Room 319, Buchanan Building. 12:30 p.m.

Wednesday Noon-Hour Concert.
Music of Brahms. Robert Silverman, piano, Ronald de Kant, clarinet, and Eric Wilson, cello. Recital Hall, Music Building. 12:30 p.m.

Simulation and Modelling in Science.
Discriminant Analysis in Glaucoma. Dr. Michael Schulzer, Mathematics and Medicine, UBC. Room 105, Mathematics Building. 12:30 p.m.

Ascent of Man Series.
The Ladder of Creation. Room 308, Library Processing Building. 12:30 p.m.

Asian Studies Lecture.
The Mahabharata as a Source of Legitimization. Prof. Romila Thapar, Jawaharlal Nehru University, New Delhi, India. Room 319, Buchanan Building. 1:30 p.m.

Asian Studies Lecture.
The State as Empire: A Case Study of the Mauryan State. Prof. Romila Thapar, Jawaharlal Nehru University, New Delhi, India. Penthouse, Buchanan Building. 3:30 p.m.

Biomembrane Discussion Group Seminar.
Transbilayer Composition of Asymmetry of Lipids in Bilayers and Biological Membranes. Dr. T.E. Thompson, Biochemistry, University of Virginia, Charlottesville. 4:00 p.m.

Frederic Wood Theatre.
The Rivals by Richard Brinsley Sheridan opens tonight and continues until Saturday, March 14 (except Sunday). Admission is $5.50; $3.50 for students. For ticket reservations, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre Building. 8:00 p.m.

Cinemawest.
Days of Heaven. Admission is $1 with AMS card. Auditorium, Student Union Building. 8:00 p.m.

THURSDAY, MARCH 5

Medical Grand Rounds.
Early Detection of Lung Cancer. Dr. Julia Levy, Microbiology, UBC. B Lecture Hall, Vancouver General Hospital. 9:00 a.m.

Hispanic and Italian Studies/ Comparative Literature Symposium.
Anthologies and Ideologies. Prof. Claudio Guillen, Harvard University. For further information, call 228-2268. Penthouse, Buchanan Building. 11:30 a.m.

Fine Arts Faculty Lecture.
Marco Boschini and Artistic Taste in Seventeenth Century Venice. Penelope Brownell. Room 104, Lasserre Building. 12:30 p.m.

Cinemawest.
Days of Heaven. Admission is $1 with AMS card. Auditorium, Student Union Building. 12:30 p.m.

Faculty Recital.
The Four-Hand Music of Debussy. Dale Reubart, piano, and Robert Rogers, piano. Recital Hall, Music Building. 12:30 p.m.

Asian Studies Lecture.
Dissent and Protest in the Early Indian Tradition. Prof. Romila Thapar, Jawaharlal Nehru University, New Delhi, India. Room 102, Lasserre Building. 12:30 p.m.

Clinical Engineering Seminar.
Quantitative Image Analysis: Presentation of Some Methods to Extract Geometrical or Topological Information From Images. Christian Lantuejoul, Centre de Morphologie Mathematique, Fontainebleau, France. Room 315, MacLeod Building. 1:30 p.m.

Physics Colloquium.
The Deep Earth Gas, Will It Solve the Energy Problem? Prof. T. Gold, Astronomy, Cornell University. Room 201, Hennings Building. 4:00 p.m.

Subfilms.
Best of the New York Erotic Film Festival. Continues until Sunday, Mar. 8. Showings are 7:00 and 9:30 p.m. on Friday and Saturday, and 7:00 p.m. on Sunday. Admission is $1 with AMS card. Auditorium, Student Union Building. 7:00 p.m.

UBC Aqua Society—Marine Biology Presentation.
Marine Life in B.C. Waters. Rick Harbo, Marine Biologist and Underwater Photographer. Lecture Hall 1, Woodward Instructional Resources Centre. 7:30 p.m.

CUSO Presentation.
Native People in Canada. The Union of B.C. Indian Chiefs will give a presentation on the native position with respect to the new Canadian Constitution. Admission is $1. You can pre-register by calling 228-4886. Upper Lounge, International House. 7:30 p.m.

Wind Symphony Concert.
Music of Devienne, Handel and Gabrieli. Baroque Band, directed by Martin Berinbaum. Recital Hall, Music Building. 8:00 p.m.

FRIDAY, MARCH 6

Asian Studies Lecture.
Death and the Hero as Expressed in Hero-Stones. Prof. Romila Thapar, Jawaharlal Nehru University, New Delhi, India. Room 154, Auditorium Annex. 9:30 a.m.

Hispanic and Italian Studies Comparative Literature Symposium.
The Beginning of Fool Literature in Spain. Prof. Francisco Marquez Villanueva, Harvard University. Upper Lounge, International House. 11:45 a.m.

Women's Studies Lecture.
The Evolution of Japanese Matrimony. Dr. Patricia Tsurumi, History, UVic. Room 204, Buchanan Building. 12:30 p.m.

Pharmaceutical Sciences Seminar.
Myosin Phosphorylation and Regulation of Contraction. Dr. J.T. Stull, University of Texas, Health Science Centre, Dallas. Lecture Hall 4, Woodward Instructional Resources Centre. 12:30 p.m.

Medical Genetics Seminar.
A Cost Benefit Analysis of Prenatal Diagnosis. Dr. A Sadovnick. Fourth Floor Conference Room, Health Centre for Children. 1:00 p.m.

Chemical Engineering Seminar.
Anaerobic Biofilms. P. Fryer. Room 206, Chemical Engineering Building. 3:30 p.m.

Food and Culture Conference.
A two-day conference co-sponsored by UBC's Continuing Education in Nutrition and Dietetics, Division of Human Nutrition and School of Home Economics will be held from 7:00 to 9:30 p.m. today, and from 8:15 a.m. to 5:30 p.m. on Saturday, March 7. Fee is $50. The conference is worth 9 credits of B.C.D.A. Continuing Education. For more information, call 228-2626. Pre-registration required. Lecture Hall 2, Woodward Instructional Resources Centre.

International House.
Nicaraguan Benefit Dance. Admission is $3, tickets at door. Upper Lounge, International House. 8:00 p.m.

Koerner Foundation Lecture.
Historical Archaeology in Canada: A Personal View. Dr. David Newlands, director, Museum Studies Programme, Royal Ontario Museum, University of Toronto. Auditorium, Museum of Anthropology. 8:15 p.m.

SATURDAY, MARCH 7

Archaeology Workshop.
Sponsored by the UBC Centre for Continuing Education and the Vancouver Chapter of Archaeological Institute of America. Main speaker will be Dr. David Newlands. For more information on topics and speakers, call 228-2181, locals 212, 253. Auditorium, Museum of Anthropology. 9:00 a.m. - 4:30 p.m.

Urban History of China Workshop.
Participants in the workshop will be Prof. Hou Renzhi, Beijing University; Prof. William Skinner, Stanford University; and Prof. Marwyn Samuels, Geography, UBC. Continues to 5:00 p.m. For more information, call 228-4686. Room 215, Geography Building. 9:00 a.m.

Hispanic and Italian Studies/ Comparative Literature Symposium.
Theory, A Madness Most Discrete. Prof. Teresa de Lauretis, University of Wisconsin. Penthouse, Buchanan Building. 11:15 a.m.

Rugby.
The UBC Thunderbirds play Vancouver's McKechnie Cup team. Thunderbird Stadium. 2:30 p.m.

Centre for Continuing Education Slide Presentation.
The World of Enamels. Orland Larson, head, Jewellery Department, Alberta College of Art. Admission is $5.00. Room 102, Lasserre Building. 8:00 p.m.

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