UNIVERSITY OF BRITISH COLUMBIA
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UBC Reports

Volume 33 Number 1, January 8, 1987

Board may raise fees

UBC's Board of Governors will consider a proposal to increase undergraduate fees by an average of 4 per cent when it next meets on Jan. 29.

The fee increase proposal was introduced at the Board's December meeting. If approved, the new tuition fee schedule would be effective on April 1, when UBC's 1987-88 fiscal year begins.

The present per-unit tuition fee of $88 would increase to $92 per unit and apply to most programs in Arts, Science, Commerce and Education. This would result in normal-load fees (15 units) of $1,380 in Arts, first-year Commerce, Education and Science.

UBC's highest undergraduate degree fees in 1987-88 would be the $2,380 paid by students in Medicine and Dentistry.

Some other proposed fees for undergraduate degree programs are (current year fees in brackets):

Agricultural Sciences -- first year $1,666 ($1,602), other years $1,785 ($1,716); Engineering -- $1,785 ($1,716); Music -- $1,534 ($1,475); Pharmacy -- $1,844 ($1,773).

Non-smoking policy

New Year's Day is the traditional time to get rid of old habits and initiate change. For the University, Jan. 1, 1987 marked the first day the new non-smoking policy went into effect. It means that all public areas from workplaces to washrooms are now officially non-smoking areas.

By implementing a "Clean Air Policy", the University recognizes tobacco smoke as a health hazard and protects people from exposure to smoking. "We've had nothing but support from people across campus on this issue," said UBC President Dr. David W. Strangway. He added that the University had always had a non-smoking policy. "We have modified that policy following guidelines recently implemented by the City of Vancouver," Dr. Strangway said. "It used to be that people could smoke anywhere except in areas marked 'non-smoking'. Now all public areas are non-smoking except for specific locations designated as 'smoking' areas."

Ten to receive degrees

This year, UBC will award honorary degrees to ten individuals who have made outstanding contributions in the artistic, business, legal, religious and academic worlds. Vancouver businessman and philanthropist David C. Lam, Canadian writer Earle Birney, former Vancouver alderman May Brown, Canadian geographer J. Ross Mackay, Queen's University chancellor Agnes Benidickson, former deputy minister of health George Elliot, internationally known geophysicist John Jacobs, British bookseller Norman Colbeck, who in 1966 donated an outstanding collection of 19th century literature to the university, and Expo 86 chairman Jim Pattison will receive their degrees at UBC's graduation ceremonies May 27, 28 and 29. UBC chancellor W. Robert Wyman, who retires this year, is the tenth recipient. He will receive his degree at a special ceremony in the fall at which the new chancellor will be installed.

UBC in focus

A 13-part series of radio mini-documentaries highlighting research by UBC faculty members has been released to 256 radio stations across Canada.

The programs, entitled UBC Perspectives, were produced this fall by the Community Relations Office and are being distributed nationally by Broadcast News in Toronto.

Each program is three minutes in length and features an interview with a faculty member on his or her area of research. The programs are hosted by Dr. David Suzuki.

The series includes interviews with Dr. Michael Beddoes on talking computers for the blind; Dr. Barry McBride on dentistry of the future; Dr. Rudy Haering on the Moli Battery; Dr. Beryl March on aquaculture; Dr. Jim McEwen on robotics in surgery; Dr. Peter Larkin on University-Industry liaison; Dr. Ray Andersen on anti-cancer compounds found in marine animals; Mr. Sam Stevens on UBC's Native Law Program; Dr. Paul Gilmore on computer messaging; Dr. Ken Craig on coping with pain; Dr. William Oldham on new methods of waste treatment; Dr. Brian Pate on imaging the brain; and Dr. Laszlo Paszner on coverting forest waste products into liquid fuel.

Production for the series was coordinated by Lorie Chortyk of the Community Relations Office. The programs were written by Vancouver writer and director John Wright and were recorded and edited by Andre Cassty of Media Services.

Community Relations would like to thank all those who contributed to the making of the series, and encourage people to tune in to the programs in January. Local radio stations receiving the programs include CKNW/CFMI, CHQM, CKO, CJVB, CISL, CKLG, CFML and CFUN.

A second 13-part series is currently in production and will be released through Broadcast News in March.

Countdown begins for Open House festivities planned campus-wide

With less than two months to go before UBC opens its doors to the public March 6-8, the official countdown has begun as the campus prepares for its biggest Open House ever.

Watch for colourful Open House posters across town and don't be surprised if you hear UBC personnel talking about the event with the local media - it's all part of a major public relations effort to increase community awareness and ensure all events will receive the best coverage possible.

Bright banners, colourful information kiosks and welcome signs are among the many items included in the Open House campus orientation program. Simplified maps are being produced, and volunteer guides are being recruited to greet and assist visitors.

With several hundred events and activities currently on the Open House slate, there's something for everyone. There'll be sports events for the athletic-minded, gardening tips for green thumbs, creative-writing workshops for aspiring authors, and free concerts, museum displays and a performance of Peking Opera for arts enthusiasts.

Recent additions to the extensive list of events include a forum on AIDS, sponsored by Health Sciences, and the creation of a children's outdoor play area/garden by the Faculty of Education. The garden will be dedicated to Dean Emeritus Neville Scarfe, as a tribute to his outstanding countributions in the education field and will be constructed during the three days of Open House.

Response to Open House '87 has been very enthusiastic. Schools from throughout B.C. are planning to attend, and many alumni, including such distinguished graduates as Allan Fotheringham, Earle Birney and Judith Forst, have promised to lend their support. Faculty, staff and students have already donated hundreds of hours towards the success of this event.

There's still plenty of time to become involved. Practise your hosting talents, help coordinate your departmental exhibit or simply spread the word amongst friends and family. As a member of the UBC community, you're the best voice we have! Contact your faculty or student representative, or call Community Relations at 228-3131 for more information.

UBC President Dr. David W. Strangway and Mrs. Strangway visited St. Michael's University School in Victoria during the President's tour of Victoria, Nanaimo and Kamloops last November. The President spoke to about 500 students in the school chapel about the strengths of universities and what they offer the community. During the tour, Dr. Strangway met with provincial MLAs and UBC alumni to discuss UBC's future plans, promote community involvement in the outreach programs of the University, and strengthen university ties with alumni groups. He also spoke at the Kamloops Chamber of Commerce. Dr. Strangway's tour was well covered throughout by local media, both print and electronic, enabling the President's message to reach a broad community audience.

New dean appointed to Education first ever female dean of a faculty

When Dr. Nancy Sheehan takes over as dean for the Faculty of Education on May 1, UBC will have its first ever female dean of a faculty.

But it probably won't cause any raised eyebrows. "I think perhaps there have been enough women in senior administrative positions that it is no longer an anomaly," Dr. Sheehan said. At one time UBC had a Dean of Women and one female professor was, for two years, acting dean of the Faculty of Agricultural Sciences.

Dr. Sheehan brings to her new position an extensive background in teaching, scholarship and university administration. She is currently associate dean of academic programs for the Faculty of Education at the University of Calgary.

One of her first tasks will be to implement new teacher education programs that have recently been approved. "My first job will be to make sure the programs get off the ground," Dr. Sheehan said. And after that, "I would like to concentrate on encouraging and developing research, particularly research that has applications and direct benefits in the education field."

Born in Halifax, Nova Scotia, Dr. Sheehan won the Governor General's Medal in her graduating year at Mount Saint Vincent University. She went on to get a second degree in education, and began her career in teaching. After taking time out to raise a family, she returned to graduate school to earn an M.Ed. from the University of Calgary and a Ph.D. from the University of Alberta.

Dr. Sheehan is currently a professor of the history of education in the the Department of Educational Policy and Administrative Studies at the University of Calgary. In addition, she has held several departmental posts including those of graduate coordinator and outreach coordinator.

She has been the author and co-author of many publications; two of her books are: Schools in the West: Essays in Canadian Educational History and Shaping the Schools of the Canadian West. In her professional activities, Dr. Sheehan is president of the Canadian Association for the Foundations of Education, and executive member of the Canadian Society for the Study of Education.

Six private donors honored at Wesbrook dinner

UBC honored six private donors at a recent dinner for the Wesbrook Society held by President David Strangway.

Among those honored were Mr. Sam Belzberg, president and chief executive officer of the First City Trust Corporation and Mr. Peter Wall, chairman of Wall and Redekop Corporation, who each donated $1 million.

The gift from Mr. Belzberg, channeled through the Dystonia Foundation, will be used to create a laboratory for research into the mysterious brain disorder Dystonia. Mr. Belzberg is president of the Dystonia Foundation, created to build increased understanding of Dystonia among doctors and researchers, and to spark exploratory research projects. This is his second million-dollar gift to UBC.

Mr. Wall created the Peter Wall Foundation to dispense gifts to various areas of the university, including the faculties of Commerce and Medicine.

Also recognized were:

-- the many foundations, corporations and individuals who contributed to a $500,000 endowment for a research position in Korean Studies, most notably Bruce Howe and Korean automaker Hyundai;

-- Sony Canada distributor Joseph Cohen and his wife Frances for the establishment of the $100,000 Joseph and Frances Cohen Fund to channel their contributions to UBC;

-- Shell Canada, which pledged $90,000 to establish a geophysics work station and purchase new seismic equipment for the university;

-- The Variety Club, which gave $35,000 for UBC's Crane Library for the blind. Band leader Dal Richards, the Variety Club's executive director, was one of five representatives at the dinner.

The Wesbrook Society dinner was a Who's Who of UBC faculty, administration, alumni and supporters. Leslie Peterson, chairman of the Wesbrook Society, former Board of Governors chairman, and chancellor candidate, hosted the evening. Last year the society, a group of 1,200 major donors to the university, contributed a substantial portion of the more than $10 million in private sector support UBC received.

The UBC Alumni Association also honored a long-time supporter of the UBC rowing program, bestowing an Honorary Life Membership on New York architect and developer Norman Hildes-Heim. Mr. Hildes-Heim, the rowing correspondent for the New York Times, flew from New York for the evening.

President Strangway asked Wesbrook members to take part in the Wesbrook Leadership Awareness Program, a series of forums and workshops on centres of excellence and issues facing the university, beginning in January.

"This is an opportunity to channel your knowledge and experience in the encouragement of a positive environment at UBC. We need your advice and direction to guide us to the 21st century," he said.

University Chancellor Robert Wyman (left) with past chancellor J.V. Clyne and chancellor candidate Leslie Peterson at the Wesbrook Society dinner.

UBC programs draw public

More than 100,000 people took part in continuing education activities sponsored by the University in the year that ended Aug. 31, 1986.

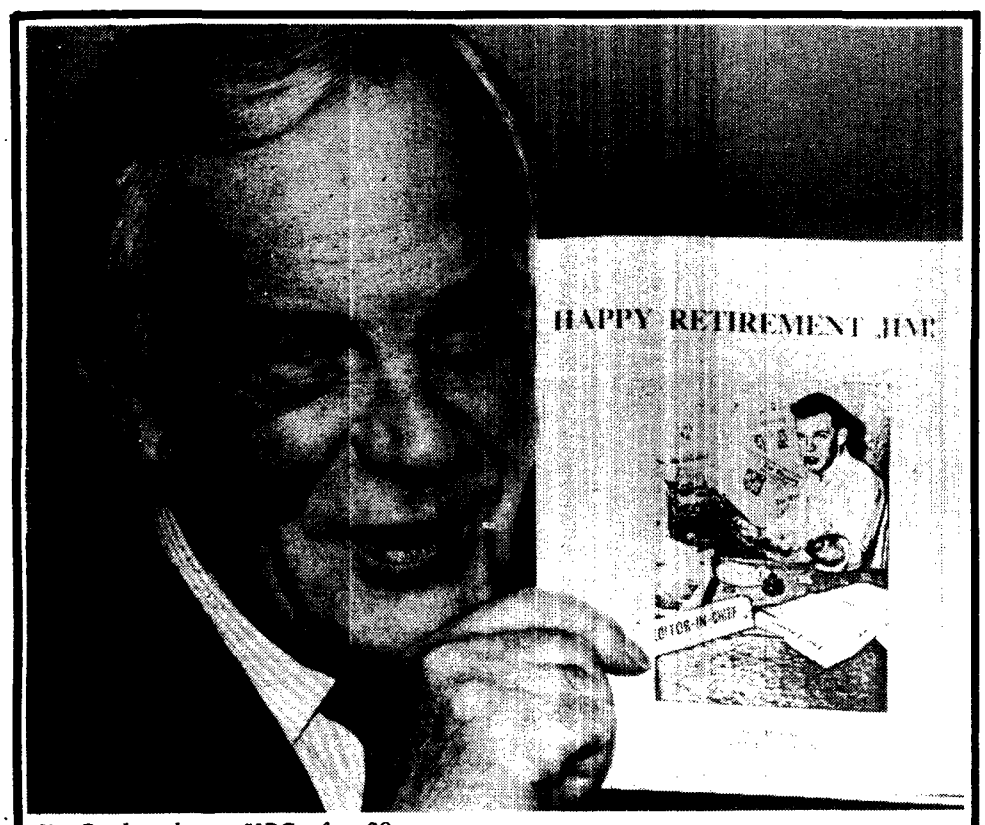
That's the picture that emerges from the 10th annual report on UBC's Continuing Education and Cultural Activities compiled by Jindra Kulich, director of the Centre for Continuing Education.

Some professional continuing education programs recorded 'marked gains' in enrolment during the year, Mr. Kulich reports, while other areas experienced enrolment declines as a result of B.C.'s economic situation.

Registration for all non-credit continuing education programs offered by seven University units in 1985-86 totalled 66,874, an increase of 8.3 per cent from the previous year, when 61,750 registrations were recorded. Attendance at UBC museums, plays, lectures and other activities brought the figures for total participation to more than 100,000.

The strength of continuing education programs is a direct reflection of the importance which UBC gives to this area. In the past decade, the University has reinforced its commitment to expand continuing education programs for the general public and, in cooperation with professional associations, to increase opportunities for continuing education in the professions.

Continuing education provides the general public with opportunities to participate in University programs and to develop active links with the campus, including access to the Library, the Computing Centre, the Museum of Anthropology, the Botanical Garden, the Research Forest at Maple Ridge and the University's attached facilities.



Jim Banham leaves UBC after 29 years.

Journalist leaves long career

Jim Banham, a well-known personality around campus, took early retirement from the University last month after 29 years as a UBC information and community relations officer.

Born and raised in Vancouver, Mr. Banham attended UBC, where he earned a Bachelor of Arts degree in 1951 in spite of numerous hours spent in the basement of Brock Hall producing The Ubyssey during his undergraduate years.

After graduation he travelled to London where he worked as a journalist with Reuter's News Service and the London Daily Express.

He returned to Vancouver and joined the University in 1957.

In addition to media and public relations duties, Mr. Banham was editor of UBC Reports for most of his UBC career.

Charlene Hawthorne and visually impaired student Lee Grenon.

New service solves problems

The ability to operate a computer keyboard is something most people take for granted. For visually impaired students however, manipulating computer keys can require special assistance. And now they can turn to a new program at the Student Counselling and Resources Centre for help.

The "Students Helping Students" service hires UBC students to help disabled students on campus. One mobility impaired student asked the centre if they could find someone to help him around campus. A visually impaired student needed someone to take dictation of his essays. "In each case, a student assistant was hired to meet the personal need of the disabled student," said centre coordinator Charlene Hawthorne.

Campus departments can also benefit from the program. Paul Thiele, head of Crane Memorial Library for the visually impaired, needed a student assistant to help visually impaired students operate a new computer system which has a voice synthesizer and image enlarger. "In that particular case a great many students benefited from just one assistant funded by this program," Ms. Hawthorne said.

"Students Helping Students" is funded by the provincial government and provides for assistants to work up to ten hours a week with disabled students. Charlene Hawthorne is a third year Arts student who runs the centre part-time. "People are just starting to find out that we exist," Ms. Hawthorne said, "Part of the problem in making disabled students aware of the program is that we have no way of contacting them directly. It would help us a great deal if any UBC faculty and staff who know of a disabled student could let that person know our program is available to them."

The centre is located in the Student Counselling and Resources Centre in Brock Hall and is open Tuesdays 9:30 a.m. to 12:30 p.m. and Thursdays 9:30 a.m. to 2:30 p.m. Or call Ms. Hawthorne at 228-4840.

LETTERS

Your Nov. 20 coverage of performing arts at UBC was timely and informative. It would have been even more comprehensive had you included mention of some of the Asian performances occurring regularly in the Asian Centre. For example, three concerts of music and dance of India were presented this fall under the Distinguished Artists of India Concert Series. I would be happy to supply you with further details and photographs.

I am actively seeking funding for a continuation of this series, and similar events will undoubtedly be presented in the future. I hope you will be able to give these programs (and other Asian arts events) the publicity they merit.

Dr. Kathryn Hansen
Asian Studies

This letter is to compliment you on the very fine November 20 issue of UBC Reports. I especially appreciated the increased amount of news coverage contained in this issue and the "If You Ask Me..." column. Such editorializing is valuable in maintaining a critical perspective on life at this university. Keep up the good work.

Sincerely,

Raymond L. Schultz
Campus Pastor

Letters are welcome and may be on any topic of interest to the university community. Please be brief, no more than 150 words, and send to The Editor, UBC Reports.

Prof. Beryl March of the Animal Science Department has been awarded the 1986 Earle Willard McHenry Award of the Canadian Society for Nutritional Sciences.

The prestigious award is given in recognition of distinguished teaching, research and professional leadership in the field of nutrition in Canada.

Prof. March, who has an international reputation for her research on poultry nutrition and physiology, is currently conducting studies on the nutrition requirements of fish.

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Prof. Setty Pendakur of the School of Community and Regional Planning has been appointed to the board of trustees of the Alexandra Foundation, a charitable trust for human and community services in Vancouver.

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A pioneer in ice research, professor emeritus of geography **Dr. J. Ross Mackay**, has won the coveted Vega Gold Medal for his more than 35 years of field research on Arctic geomorphology and permafrost, and his contributions to the International Geographical Union and the International Permafrost Association.

Dr. Mackay was presented with the medal by His Majesty, the King of Sweden, in a 'Vega Day' ceremony held in Stockholm earlier this year. Dr. Mackay is officially retired, but he still spends more than three months each year doing field work along the western Arctic coast, and he is currently Secretary-General of the International Permafrost Association.

The Vega Medal was established in 1880 and early recipients have included such explorer-scientists as R. Amundsen. This year, Dr. Mackay will also receive an honorary degree from UBC.

* * *

Dr. David Suzuki has become the second Canadian to win the 1986 Unesco Kalinga Prize, the highest international distinction in the field of popular science. Dr. Suzuki shares the award with Dr. Nicolai Basov of the Soviet Union.

The Kalinga Prize is awarded annually to a distinguished communicator of science issues. To qualify, the winner must have helped interpret science, research and technology to the public and must have also conveyed the importance of science in improving public welfare, and in solving some of the problems which face humanity. Dr. Suzuki has made outstanding contributions to this area through such radio and television programs as "The Nature of Things", "A Planet for the Taking" and "Discovery". The first Canadian to win the Kalinga Prize was Fernand Seguin.in 1977

Dr. Suzuki is also hosting a two part series of radio mini-documentaries, highlighting UBC's research achievements, which are scheduled to be broadcast this year.

* * *

After graduating from UBC in 1979 with a Commerce degree, **Sonja Taiji** has returned to fill the position of Employee Relations Advisor in the Personnel Services Department. Ms. Taiji was, until recently, the Labour Relations Policy Advisor to the Deputy Minister of Labour in Victoria. She has an extensive background in labour relations in both the public and private sector, and has worked for Shaughnessy Hospital, The Business Council of B.C. and B.C. Hydro.

* * *

Engineering student **Llanna Mah** has won first prize in a national thesis competition sponsored by the Canadian Construction Association. Competition organizers described Ms. Mah's thesis on the Alex Fraser Bridge as "an excellent overview of a very unique bridge project." She will be honored at a special luncheon on Jan. 15, when she will be presented with the Robert Leggett Award and a $1,000 prize.

Athletic engineering student this year's Rhodes scholar

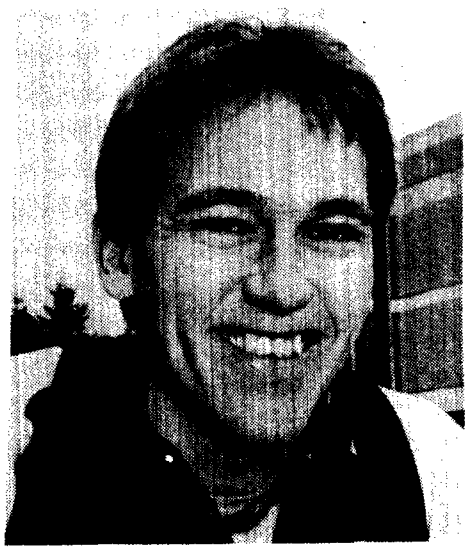
William Allan is still cycling up to UBC on his orange mountain bike. Winning the Rhodes Scholarship for B.C. hasn't changed his life in a noticeable way yet. But come September 1987 he will be on an airplane to Oxford, England, for an all expenses paid two years of study at Oxford University.

"It's going to mean a lot more work for me in the next year," said Mr. Allan who has just started a master's program at UBC in aerodynamics and fluid mechanics. "I was planning on taking two years to finish my master's here. Now I want to complete it before I leave in September of next year."

And he is starting to get used to the idea of living in Europe. "I'm looking forward to being able to do some travelling," he said, "I've only been to Europe once before, to Austria, on a short ski trip." Skiing isn't Mr. Allan's only sport. As an avid outdoorsman his interest in white water rafting and canoeing has taken him across Canada from the James Bay Lowlands to Vancouver Island.

As a student at the Royal Military College in Kingston, he was captain of the cross-country and the indoor track teams. He graduated top in his mechanical engineering class at RMC and received an NSERC scholarship to attend UBC. Mr. Allan was also captain of the downhill ski racing team while a student at Royal Roads Military College in Victoria.

Throughout his officer cadet career, Mr. Allan has been actively involved in Big Brothers. He held numerous leadership positions including that of Cadet Squadron Leader in his senior year at RMC. After his two years at Oxford University, Mr. Allan said he plans to pursue a career as an aerospace engineer with the Royal Canadian Force.



Rhodes scholar William Allan

Mr. Allan was one of 11 Canadians who won Rhodes scholarships this year. The scholarship was established in 1904 and is awarded annually on the basis of scholastic achievement, success in sports, strength of character, leadership qualities and evidence of public service. Previous UBC recipients who have gone on to distinguished careers include the current leader of the federal Liberal Party, John Turner.

Safety pays off

The UBC Health and Safety Office would like to see the University save money--by continued staff and faculty participation in safety programs.

The University pays about $800,000 annually to the Workers Compensation Board to insure employees against accidental injury. The premium is assessed by the WCB through an ERA (Experience Rating Assessment) test based on the number of claims made by the employer, the University. In 1985, UBC made 18 percent fewer claims than other groups in its category. It now stands to pay $100,000 less in premiums.

"The ERA test is very important in keeping premium levels down," said Dr. Wayne Greene, Director of the Occupational Health and Safety Office. "It can have a considerable impact on the University's financial picture, and there is a real incentive for UBC to reduce accidents and get people back on the job quickly."

Prior to the creation of the office eighteen months ago, there was no comprehensive safety program on campus. "Some departments had local safety committees, and there have always been specialized programs such as the Radiation Protection program," Dr. Greene said, "but there was no overall organized approach." The Health and Safety Office developed, and now administers, a full-scale safety program, which includes coordinating more than 70 local safety committees. Its responsiblity is to provide a safe and healthy environment for all university employees, to make regular inspections, and to improve unsafe conditions on campus.

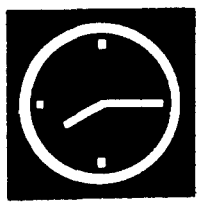
"One of our most important functions is staff training," said Dr. Greene, "We provide people with the tools to work within a safety program." The staff give workshops which show members of local safety committees what to look for in a walk-through safety inspection in their area, or how to investigate an accident, for example.

One of the Health and Safety Office's first tasks was the inspection of 600 UBC laboratory fume hoods--devices that protect researchers from chemical exposure. "Some of them had been tested previously, but there hadn't been a systematic procedure of testing," said Dr. Greene.

The Health and Safety Office also helps with the disposal of chemical wastes that standard university facilities are not able to handle, and assists with 'lockout procedures'--techniques that are used to safeguard equipment while it is being repaired. The office even has a diving safety program for UBC researchers who collect underwater specimens.

UBC Calendar

THE VANCOUVER INSTITUTE



Saturday, Jan. 24
The Economic Future. Prof. Paul Samuelson, Economics, Massachusetts Institute of Technology.

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

WEDNESDAY, JAN. 14

Pharmacology and Therapeutics Seminar.
Perinatal Pharmacology and Toxicology: Animal Models. Dr. R. Hill, Paediatrics, Medicine, UBC. Room 317, Basic Medical Sciences Building, Block C. 12 noon.

Forestry Seminar.
Future direction of Agrogen's Forestry Program and Possible Interactions with the Faculty of Forestry. Dr. Steven Grossnickles, Agrogen Technologies, Inc. Vancouver. Room 166, MacMillan Building. 12:30 p.m.

Noon-Hour Concert.
Diana McIntosh, composer. Donation requested. Recital Hall, Music Building. 12:30 p.m.

Geography Colloquium.
Stewardship: Theory and Practice in the Christian Farmers Federation of Alberta. John Paterson, Ph. D. Candidate, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

Biochemistry Seminar.
Conformational Polymorphism in Tortionally-Stressed DNA. Dr. Hans van de Sande, University of Calgary. IRC 4. 3:30 p.m.

Applied Mathematics Seminar.
Hamiltonian Formulation and Long Wave Models for Two-Fluid Systems. Dr. Spencer Bowman, Mathematics, University of Chicago. Room 229, Mathematics Buildings. 3:45 p.m.

Personnel Services and Financial Planning Lectures.
Mike Grenby, James E. Rogers & Associates and columnist to the Vancouver Sun. Open to all staff. For further information, call Maureen Simons 228-2456 or Jane Durant 228-6204. IRC 2. 4:30 - 6 p.m.

UBC Dance Club.
New Bronze Dance Class. $25 AMS members & $50 non-members. Registration starts at 8 p.m. in SUB Ballroom. Class at 8:30 p.m.

THURSDAY, JAN 15

Adventures of the Mind Series.
The Human Spirit in the Age of Science, Technology and Cultural Diversity. Dr. C. G. William Nicholls, Religious Studies, UBC. Kerrisdale Community Centre. 7:30 p.m. For more information call Brian Kershaw 263-6214 or 263-6068.

Medical Grand Rounds.
Paraneoplastic Syndromes of the Nervous System. Dr. Barry Arnason, Neurology, University of Chicago. Room G279, Lecture Theatre, Acute Care Unit. 12 noon.

Faculty Concert Series.
Eric Wilson, cello and Rene Sharon, piano. Free information lecture on program highlights at 7:30 p.m. Refreshments available. Admission $5, or buy a series pass. Recital Hall, Music Building. 8 p.m.

FRIDAY, JAN 16

Centre for Continuing Education and AMS Speakers Lecture.
Apartheid Must End. The Most Rev. Archbishop Edward W. Scott. Student Union Building Ballroom. 12:30 p.m.

Medical Genetics Seminar.
Immunology of Recurrent Abortion. Dr. D. F. Denegri, Immunotransplant Lab. VGH. Parentcraft Room, Grace Hospital, 4490 Oak Street. 1 p.m.

MONDAY, JAN. 12

Mechanical Engineering Seminar.
A Probabilistic Method for Balancing Loads and Resources in the Planning Process for an Electrical Utility. John Drennan and Ken Spafford, B.C. Hydro. Room 1204, Civil and Mechanical Engineering Building. 3:30 p.m.

Biomembranes Discussión Group.
Stimulation and Desensitization of Phosphoinositide and Calcium Metabolism. Dr. Joan Heller-Brown, Pharmacology, University of California, San Diego School of Medicine. IRC 4. 3:45 p.m.

Astronomy Seminar.
Giant Voids in the Universe. Dr. Robert Kirshner, Center for Astrophysics, Cambridge, Mass. Room 260, Geophysics and Astronomy Building. 4 p.m.

TUESDAY, JAN. 13

Chemistry Seminar.
Novel Use of Polymer Chemistry and Physics for Bioseparations. Prof. Allan S. Hoffman, Center for Bioengineering, University of Washington. Room 250, Chemistry Building. 1 p.m.

Electrical Engineering Seminar.
Noise Diagnostics in Nuclear Power Reactors. G. Por, Hungarian Academy of Science, Budapest. Room 402, McLeod Building. 1:30 p.m.

Oceanography Seminar.
Fate of Oil and Marine Ecosystem Enclosure. Dr. W. Cretney, Institute of Ocean Sciences. Room 1465, Biological Sciences Building. 3:30 p.m.

Research Centre Seminar.
Effect of Intracerebroventricular Admission of Opioids on Cardiovascular System and Digitalis - Induced Arrhythmias. Dr. Simon W. Rabkin, Medicine, UBC. Room 202, Research Centre, 950 West 28th Avenue. 4 p.m.

Museum of Anthropology Lecture.
Six Religions. Wang Lianmao, Director, Museum of the History of Foreign Contact, China. Theatre Gallery, Museum of Anthropology. 4:30 p.m.

Thunderbird Men's & Women's Volleyball.
Thundervolley Tournament. War Memorial Gym & Osborne Gym. All day.

Faculty Recital.
Paul Douglas, flute. Recital Hall, Music Building. 8 p.m.

Gerald Savory Memorial Lecture.
Mission to South Africa: The Commonwealth Report. Sponsored by the Centre for Continuing Education and the U.N.A., Vancouver Branch. The Most Rev. Archbishop Edward W. Scott. Admission by donation. Christ Church Cathedral, 690 Burrard Street. 8 p.m.

UBC Calendar

SATURDAY, JAN 17

Thunderbird Rugby.
UBC vs the Fraser Valley Reps Club Team in McKechnie Cup action. Thunderbird Stadium. 2:30 p.m.

Thunderbird Men's & Women's Volleyball.
Thundervolley Tournament semi-finals and finals. War Memorial Gym and Osborne Gym. All day.

SUNDAY, JAN 18

Thunderbird Swimming and Diving.
UBC hosts the University of Calgary. Aquatic Centre. 10 a.m.

Symphony Concert.
UBC Symphony Orchestra with the Vancouver Youth Symphony Orchestra. Gerald Stanick, conductor. Old Auditorium. 2:30 p.m.

Museum of Anthropology Concert.
The Museum of Anthropology presents Hot Jazz for Cold Days with Walter Zuber Armstrong. This accomplished performer and recording artist will present a selection of jazz flute and clarinet compositions. Performance free with museum admission. For further information, call 228-5087. Great Hall, Museum of Anthropology. 2:30 p.m.

MONDAY, JAN 19

Disabled Students Meeting.
Disabled students interested in forming UBC Disabled Students Service Organization; organizational meeting, Room 207 - 209, Student Union Building. 12:30 p.m.

UBC Women's Centre Panel.
Sexual Harassment. June Lythgoe, Office of Women Students, Susan O'Donnell, B.C. Human Rights Coalition, Micki McCune, CUPW Women's Committee. North Plaza, Student Union Building. 12:30 p.m.

Mechanical Engineering Seminar.
A Viscous-Inviscid Interaction Technique for External Separated Flows. Dave Stropky, Graduate Student. Room 1204, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar.
The Role of Mathematical Modelling in Combustion. Dr. J. H. Buckmaster, Aeronautical Engineering, University of Illinois at Urbana-Champaign. Room 229, Mathematics Building. 3:45 p.m.

Biomedical Discussion Group.
The Use of X-Ray Crystallographic Techniques in the Study of Drug Action. Dr. Penelope Codding, Chemistry, University of Calgary. IRC 4. 3:45 p.m.

TUESDAY, JAN. 20

Chemistry Seminar.
Lysine Biosynthesis as a Target for Development of New Antibiotics. Prof. John C. Vederas, Chemistry, University of Alberta. Room 250, Chemistry Building. 1 p.m.

Centre for Metallurgical Process Engineering, Distinguished Lecturer Series.
Computational Methods in Transport Phenomena. Dr. Martha Salcudean, Mechanical Engineering, UBC. Room 317, Frank Forward Building. 3:30 p.m.

Oceanography Seminar.
Neopolitan Ice Cream, Copper and Manganese in Sediments near the Mexican Margin: Diagenetic Contracts. Dr. T. F. Pedersen, Oceanography, UBC. Room 1465, Biological Sciences Building. 3:30 p.m.

Anatomy Seminar.
How Important is the Capsular Investment of the Muscle Spindle? Dr. William K. Ovalle, Anatomy, UBC. Room B37, Friedman Building, 2177 Wesbrook Mall. 4 p.m.

WEDNESDAY, JAN. 21

Pharmacology and Therapeutics Seminar.
Oxygen-Free Radical Scavenging Systems in Experimental Diabetes Mellitus. Mr. Saleh Wohaieb, Pharmacology and Therapeutics, UBC. Room 317, Basic Medical Sciences Building, Block C. 12 noon.

English Department Reading.
Reading by Canadian poet and short story writer David Arnason, author of the long poems "Marsh Burning" and "Icelanders" and the collections of short stories 50 Stories and a Piece of Advice and The Circus Performers' Bar. Buchanan Penthouse. 12:30 p.m.

Geography Colloquium Series.
The Headline Ma Murray Missed: Fraser River Floods Lillooet. June Ryder, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

Personnel Services/Financial Planning Lecture.
Staff Pension, Life and Long Term Disability Plans. Maureen Simons, Faculty and Staff Services, UBC. Open to all staff. For further information call Maureen Simons, 228-2456 or Jane Durant, 228-6204. IRC 2. 4:30 - 6 p.m.

THURSDAY, JAN. 22

H.R. MacMillan Lecture.
Do We Really Want Taller Trees? Adaptation and Allocations as Tree Improvement Strategies. Prof. William J. Libby, Forestry and Genetics, University of California, Berkeley. Room 166, MacMillan Building. 12 noon.

Geological Sciences Lecture.
Thin and Thick-Skinned Tectonics in the Metamorphic Internal Zone of the Wopmay Orogen, N.W.T. Dr. Janet King, G.S.C. Ottawa. Room 330A, Geological Sciences Building. 12:30 p.m.

Thunderbird Women's Gymnastics.
UBC hosts Spokane Community College. Osborne Gymnasium. 6 p.m.

Adventures of the Mind Series.
Shakespeare and the Emergence of Modern Man. Dr. Geoffrey H. Durrant, Professor Emeritus English, UBC. Kerrisdale Community Centre. 7:30 p.m. For more information call Brian Kershaw 263-6214 or 263-6068.

FRIDAY, JAN. 23

Medical Genetics Seminar.
Case Presentations and Counselling Issues. Genetic Associates, Clinical Genetics Unit, Grace Hospital. Parentcraft Room, Grace Hospital, 4490 Oak Street. 1 p.m.

Burns Night at International House.
An evening to commemorate Scottish poet Robert Burns. Bagpipes, haggis, dancing, poetry. Everyone welcome. General admission $3, International House members $2. Tickets available at International House and at door. For further information, call 228-5021. International House. 7:30 p.m.

Thunderbirds Hockey.
UBC hosts the University of Calgary Dinosaurs. Thunderbird Arena. 7:30 p.m.

SATURDAY, JAN. 24

UBC Child Study Centre.
Second in a series of five lectures with the general title Helping Children Learn, sponsored by UBC's Child Study Centre. Speaker is Dr. Selma Wasserman, Faculty of Education, Simon Fraser University, on "Who's Afraid of Spiders?"a curriculum model for working with children in classrooms. Remaining lectures are scheduled for Feb. 21, March 21 and April 25. Information on fees is available from the education faculty's Field Development Office, 228-2013. Child Study Centre, 4055 Blenheim Street. 9:30 a.m. - 12:30 p.m.

Thunderbirds Swimming and Diving.
UBC hosts Puget Sound. Aquatic Centre. 2 p.m.

Thunderbirds Rugby.
UBC meets the Vancouver Island Reps Club team in McKechnie Cup action. Thunderbird Stadium. 2:30 p.m.

Thunderbirds Hockey.
UBC hosts the University of Calgary Dinosaurs. Thunderbird Arena. 7:30 p.m.

NOTICES

St. John Ambulance Courses.
St. John Ambulance is offering their Safety Oriented First Aid (SOFA) and Cardiopulmonary Resuscitation (CPR) courses to UBC students. These courses are strongly endorsed by the Health Sciences' faculties and schools. The SOFA course requires 8 hours to complete and will be offered on Saturdays. The CPR course requires 4 1/2 hours to complete and will be on Saturdays. Each course costs $20, payable at registration. Registration Jan. 20 and Jan. 22, Woodward Instructional Resources Centre lobby. 10:30 a.m. - 2:30 p.m.

William G. Black Memorial Prize.
This prize in the amount of $1,500 is offered annually for an essay on some aspect of Canadian citizenship. The topic is designed to attract students from all disciplines, and the competition is open to all students who are enrolled in undergraduate programs and do not already possess a graduate degree. This year's essay will be written in Room 104, Buchanan Building on Saturday, Jan. 24 from 10 a.m. to noon.

Disabled Students Meeting.
Any disabled students interested in helping form a Disabled Students Service Organization at UBC are asked to attend an organizational meeting Monday, Jan. 19. Room 207 - 209, Student Union Building. 12:30 p.m.

Comparative Literature Conference.
Perspectives on Spoken Discourse. Mieke Bal, Utrecht, Rochester, Charles Fillmore, Berkeley, Thomas Pavel, Santa Cruz, Paul Zumthor, Montreal and Roberta Kevelson, Pennsylvania State. Registration is in Room 207, Anthropology Building and all sessions take place in Room 209. For further information call 228-5157. Registration forms are available from the Programme in Comparative Literature, Room E270, Buchanan Building.

Computing Centre Non-credit Courses.
The Computing Centre is offering a series of free non-credit courses during January, February and March. These courses are intended primarily for members of the university community who plan to use the facilities of the Computing Centre. A complete list of courses is available by calling 228-6611, or you can pick up a schedule from the Computing Centre general office (CSCI 420).

Centre for Continuing Education Public Forum.
What's the Future of Unemployment Insurance in Canada? Claude Forget, Chairman, Commission of Inquiry on Unemployment Insurance will discuss his commission's recommendations and the thinking behind them, on Thursday, February 5. Admission: $6. For further information, call 222-5238. IRC 2. 7:30 p.m.

Centre for Continuing Education Debate.
The Defense of Canada: A Debate. Gwynne Dyer, author and narrator of the television series War, and Douglas A. Ross, of the Institute of International Affairs, UBC, an expert in the area of arms control, Canadian defense and foreign policy, will debate what is best for Canada, international peace and security on Wednesday, February 5. Admission $8, students $5. For further information, call 222-5238. IRC 2. 7:30 p.m.

Frederic Wood Theatre.
The School for Wives, by Moliere. Directed by John Brockington. Wednesday, January 14 through Saturday, January 24. Enquiries and reservations: 228-2678, or Room 207, Frederic Wood Theatre.

Badminton Club.
Faculty and Staff Badminton Club meets Tuesdays 8:30 - 10:30 p.m. and Fridays 7:30 - 9:30 p.m. (except Jan. 16 & 23) in Gymnasium A of the Robert Osborne Sports Centre. Fees $15 per year. New members welcome. For more information, call Bernie 228-4025.

Nitobe Memorial Garden.
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.

Botanical Garden.
The Main Botanical Garden on Stadium Road will be open daily (including weekends) from 10 a.m. to 3 p.m.

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.

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

Radiation Protection Courses.
The fifth session of the Radiation Protection Course is scheduled for Jan. 19-22. 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: Feb. 23-26; March 23-26. All sessions will be held from 9 a.m. to noon, except those in 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.

Money.
It's your money, and if one of your New Year's resolutions was to take a financial planning course, Personnel Services is sponsoring a series beginning Jan. 14. Mike Gren'by, Vancouver Sun financial columnist, is the speaker at the first session to talk about financial planning and investments. Following lectures cover Staff Pensions, Life and Long Term Disability plans (Jan.21), and RRSP's Annuities and RRIF's (Jan. 28). Lectures are open to all faculty and staff. For more information call Maureen Simons 228-2456 or Jane Durant 228-6204. IRC 2. 4:30 - 6 p.m.

GRANT DEADLINES

FEBRUARY 1987

* Alcoholic Beverage Medical Research Fdn.
  - -Research [1]
* Alumni Association, UBC
  - -Faculty Citation [14]
* Alzheimer's Disease and Related Disorders Assoc.
  - -Allied-Signal Corp.-ADRDA Faculty Scholar Award [15]
  - -Investigator-Initiated Research Grant [15]
* Arthritis Society: Group Grants
  - -Multi-Centre, Facilitation, Development [1, appl.]
* NIH Grants to Foreign Institutions [1]
  - -Small Grants Program [1]
* Kidney Foundation of Canada
  - -Summer Student Fellows
* AUCC: National Defence Program
  - -PDF: Military History [1]
  - -Scholarships: Military and Strategic Studies [1]
* Australian Institute of Nuclear Science and Engineering
  - -AINSE Research Fellowship [28]
* Canadian Institute for International Peace and Security
  - -Research [2]
* Canadian International Development Agency (CIDA)
  - -CIDA Awards Offered to Canadians [27]
* Canadian Veterinary Research Trust Fund
  - -Research Fellowship [20]
* Cancer Research Society Inc.
  - -Fellowships [15]
  - -Research [15]
* Deutscher Akademischer Austauschdienst (DAAD)
  - -Study Visits of Foreign Academics [1]
* European Molecular Biology Organization
  - -EMBO Fellowships [16]
* Fitness and Amateur Sport: Sport Canada
  - -Applied Sport Research [15]
* Guggenheim (Harry Frank) Foundation
  - -Grants for Research [1]
* Health, Education and Welfare, U.S. Dept. of
  - -NIH Grants to Foreign Institutions [1]
  - -Small Grants Program [1]
* Kidney Foundation of Canada
  - -Summer Student Fellowship [16]
* International Copper Research Association
  - -Research Contract [15]
* Manning, Ernest C., Awards Foundation
  - -Ernest C. Manning Awards [27]
* MRC: Awards Program
  - -MRC Scholarship [1]
* MRC: Grants Program
  - -Maintenance Grants [1]
  - -Major Equipment [1]
  - -Operating Grants - NEW [1]
* Multiple Sclerosis Society, National U.S.
  - -Junior Faculty Awards [1]
  - -Postdoctoral Fellowships [1]
  - -Research [1]
* National Cancer Institute of Canada
  - -Career Award Appointments [1]
  - -Terry Fox Cancer Research Scientists (ren) [1]
* National Cancer Institute of Canada: Marathon of Hope
  - -Terry Fox Research Fellow. for Physician Scientists [1]
* National Cancer Institute of Canada
  - -Training and Study Awards [1]
* National Huntington's Disease (US)
  - -Postdoctoral Research Fellowships [15]
* NSERC: Vector Computer Facility
  - -Dorval Vector Access [1]
* Royal Bank
  - -Royal Bank Award [28]
* Sigma Delta Epsilon Women in Science, Inc.
  - -Research [1]
* Sigma Xi, The Scientific Research Society
  - -Grants-in-Aid [1]
* Spencer, Chris Foundation
  - -Foundation Grants [28]
* University of British Columbia
  - -UBC-Research Grant (HSS) [27]
  - -UBC: Killam Postdoctoral Fellowships [15]
* University of New Brunswick
  - -Postdoctoral Fellowship [10]
* Weizmann Inst. of Science
  - -Joseph Meyerhoff Fellowship [28]
* Whitehall Foundation, Inc.
  - -Research [1]
* World Cultural Council
  - -Albert Einstein World Award of Science [28]

Calendar Deadlines

For events in the period Jan. 25 to Feb. 7, notices must be submitted on proper Calendar forms no later than 4 p.m. on Thursday, Jan. 15 to the Community Relations Office, 6328 Memorial Road, Room 207, Old Administration Building. For more information, call 228-3131.

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