

ubc reports

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UBC graduate Jindra Kulich has been named director of the Centre for Continuing Education.

Centre for Continuing Ed. gets new head

Jindra Kulich, the new head of UBC's Centre for Continuing Education, believes that one of B.C.'s most significant "growth industries" is the provision of continuing education in all its forms to the people of this province.

"It's estimated that some 360,000 people in B.C. are involved in continuing education in some way," says Mr. Kulich, whose appointment as director of UBC's continuing education centre was confirmed by the Board of Governors yesterday (Tuesday).

"What's not generally known," he continues, "is the very significant contribution that this University is making to the total continuing education picture in B.C."

"In the last academic year which ended on Aug. 31, 1977, UBC registered 61,407 participants for adult education services offered by its major continuing education units. That's more than one-sixth of the total continuing education services provided in B.C. and constitutes an immense contribution to the intellectual life of the province."

The Czechoslovakian-born director of the UBC centre says there has been a steady increase in recent years in the number of participants and the range of programs offered by UBC in the field of continuing education.

"For example," he says, "the number of people in B.C. taking University-level correspondence credit courses through our Guided Independent Study program has doubled over the past three years."

Mr. Kulich is no stranger to UBC and the continuing education needs of the province. He began his association with the UBC centre in 1958, when he served as Vancouver co-ordinator for a study-discussion program popularly known as "Living-Room Learning," which was funded by the Ford Foundation.

During this same period he was also a student at UBC, earning his Bachelor of Arts degree in Slavonic Studies and German in 1961. His European background and his UBC studies have made him something of a linguist. He speaks, reads and writes Czech and German, speaks and reads Danish and is able to read Norwegian, Polish, Serbo-Croat and Swedish.

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Election outcome not affected

An ad hoc committee of UBC's Senate has concluded that alleged irregularities in the Jan. 18 election of students to the Board of Governors and Senate did not affect the outcome of the election.

The committee has ruled that the election results should stand as declared and that no new election should be held.

In a statement issued on March 2 following a week of in-camera meetings during which testimony on alleged voting irregularities was heard, the committee said it took as a guiding principle the statute which governs elections in B.C., "namely that an election shall stand unless and until evidence of irregularities in the conduct of the election affects the outcome."

The committee said the investigation found that "allegations of irregularities were not confined to a single poll, that direct evidence indicated that an irregularity did take place during the election and that in-

direct evidence indicated there may have been further irregularities."

Nevertheless, the committee's statement continued, "on the basis of all the evidence, including election documents, written evidence and personal testimony, the committee concluded that in accordance with the provincial statute, there were insufficient grounds for calling a new election."

Basil Peters and Paul Sandhu, the two students elected to the Board in the Jan. 18 election, will not be permitted to vote at Board meetings until the Senate committee's decision is confirmed at a March 22 meeting of Senate. The students were barred from voting at the Board's February meeting until the election controversy was resolved.

The Senate committee's decision also confirms the election of five student senators at large, who will take their seats when the reconstituted Senate holds its first meeting in April.

Young scientist wins Sloan award

Dr. William Unruh is one of four Canadians who have been awarded Sloan Fellowships for Basic Research. The fellowships are awarded to outstanding young scientists in Canada and the U.S. Dr. Unruh, who joined UBC's physics department two years ago, will use the \$9,900-a-year award to advance his studies in gravitation theory and gravity wave experiments, an area of pure research shared by fewer than 20 scientists in the world. He teaches a second-year physics course in classical mechanics and a graduate course in gravitational theory in the department.



Letter of interest outlines agreement

Here is the complete text of the agreement announced recently between B.C.'s Ministry of Education and Britain's Open University.

This letter of interest is signed jointly by us on behalf of our respective institutions to give force to our hope and interest that we shall implement a program of inter-institutional co-operation. We understand that, in due course, the Ministry's interest in such co-operation may be expressed through an Open Learning Institute or similar body set up by the Ministry. The precise details and extent of this co-operation (that is the program) will be a matter for further discussion between our institutions and will be undertaken as soon as possible having regard to the current plans of the Ministry.

It is our intention that the program of co-operation should cover:

i) the presence of a senior member of academic staff of the Open University based in B.C. for the duration of the program to act, in the first instance, (a) as a member of the Ministry's open learning system management team, (b) as a contributor to the Ministry's academic team which will be engaging in initial and longer term course program selection, (c) where necessary or desirable, as an adviser on Open University operating systems and procedures. It is anticipated that in due course there will be Ministry liaison officers at the Open University.

ii) the provision of Open University specialist personnel to undertake short-term contracts

dealing with training of staff — for example, in all aspects of the systems of delivery of learning materials to students.

iii) the creation of processes and procedures whereby Open University and Ministry course materials can be used jointly and, where appropriate, produced jointly by our two institutions, both in B.C. and the U.K.

iv) arrangements for the establishment of common academic standards between our institutions; in particular, and in the first instance, through making provision for Open University academic staff to be one source of external examiners for B.C. students. Further, it is hoped that it will become practicable to operate an exchange of external examiners between our institutions.

v) the assignment of a specific member of Open University staff in the U.K. who will take responsibility for ensuring a responsive communication system.

vi) the reciprocal exchange of current academic information including, for example, course materials together with all associated supplementary materials as they arise as well as data on projected course planning, progress and discussion reports.

It is our intent that a formal contractual agreement shall be signed between our institutions covering in more specific detail the provisions outlined above and, in addition, dealing with the financial and other resource implications of the co-operation.

Handicapped A more than wheel

Last year Student Services counsellor Sandra Kiep staged a three-day orientation for handicapped students, to show them what services were available for their needs and how she could help them during the year.

Six showed up.

"We really don't know how many handicapped students are on campus," Ms. Kiep said. "They won't make themselves known because they're afraid of discrimination."

But surely if someone is blind or confined to a wheelchair, it's fairly obvious they're handicapped. What good is it going to do to stay away from a potential source of help?

Those are only the obviously handicapped, Ms. Kiep explained. There are other handicaps that aren't obvious at all, so we rarely think about them.

One of the students that she's aware of has back problems and cannot sit through an hour-long lecture. In order to write her final examinations, she has to make arrangements to write in several sittings. There's another student who has rheumatoid arthritis which has affected the joints in his hands. He writes very slowly which makes it difficult for him to take class notes. But his concern was the handicap he faces writing final exams.

Then there's the student with cystic fibrosis, but she can get around the same as you or I. And those who have epilepsy. Handicaps of one sort or another are around us if we notice.

To help people who want to know more about the handicapped — how to make things easier for them, how to avoid some of these handicaps through better health habits — Ms. Kiep has organized a week-long Handicapped Awareness Week which begins Monday.

About 25 community agencies will be setting up displays, films and speakers in the Student Union Building. UBC groups such as Student Services, Rehabilitation Medicine, Special Education and the Awards Office will also take part.

The fear of discrimination which the handicapped students feel is a very real fear, Ms. Kiep said. People don't want handicapped students in their classes or don't hire them if they do finish a degree because they're unfamiliar with the problems handicapped people face.

awareness Week — chairs and canes

Some of the highlights of the week:

Monday, March 13 at 12:30 p.m. Film showing "What Do You Say to a Blind Person?" Room 111, SUB. Lecture on Prevention of Deafness by the Western Institute for the Deaf. Room 117, SUB.

Tuesday, March 14 at 12:30 p.m. Film on "Epilepsy and Its Consequences." Room 111, SUB.

Wednesday, March 15 at 12 noon. Byron Johnson, National Research Council of Canada, speaks on Designing Barrier Free Environments. Room 104, Lasserre Building.

Thursday, March 16 at 12:30 p.m. Dr. Nancy Schwartz and Dr. Bill Buchan speak on Preventative Care. Room 207-209, SUB.

Friday, March 17 at 12:30 p.m. Insurance Corporation of B.C. presents a slide show on Rehabilitation and ICBC. Room 111, SUB.

Advisors' night set

If you're thinking about attending UBC's spring or summer session this year, set aside Monday, March 20, from 7:00 to 9:30 p.m. to come to Advisors' Night. Admissions officers and counsellors will be available to discuss career planning, applications and answer specific questions in the conversation pit, Student Union Building.

Kulich

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After serving as director of adult education for School District 70 in Port Alberni, B.C., Mr. Kulich returned to UBC in 1964 to begin graduate studies that led to the award of a Master of Arts in Adult Education degree in 1966.

He then joined the UBC Centre for Continuing Education, where he has served as director of the Office of Short Courses and Conferences, coordinator of adult education training and administrator of the diploma program in adult education.

He was named assistant director of the UBC centre in 1974 and has served as its acting director on two occasions: for a five-month period in 1975 following the resignation of Gordon Selman, who joined the UBC Faculty of Education; and since Jan. 15, 1976, following the appointment of Dr. Walter Hardwick, then director of continuing education, who was granted leave of absence from UBC to become deputy minister of education in the provincial government.

Mr. Kulich has received a number of travel awards that have enabled him to visit adult education operations in several European centres. Last year the Northwest Adult Education Association honored him for making "an outstanding contribution to the field of adult education."

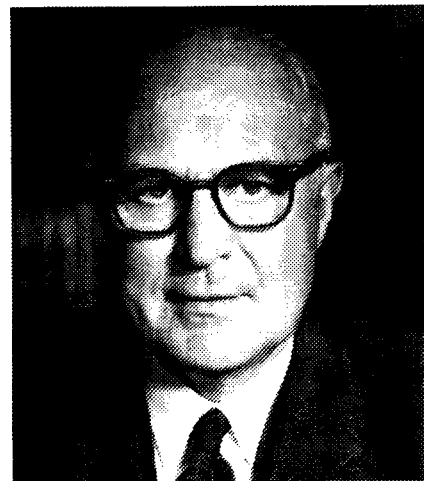
He's also been a prolific writer on the subject of adult education.

Mr. Kulich feels that the UBC centre will be more heavily involved in the future in continuing education for professionals who are already at

work in the community and who need constant updating on developments in their profession. To accomplish this will require the centre to develop closer ties with professional schools at UBC, he says.

"I also hope we will be able to expand our Interior Program, which began in 1976 in Vernon, and which last year attracted 1,300 participants in the Okanagan, an increase of 30 per cent in one year.

"If funds are available, we should consider establishing similar programs in other Interior centres, possibly in Prince George for the central section of the province and in a centre in the Peace River district."



Hon. J.V. Clyne, 1923 graduate of UBC, will take office as chancellor of the University following his installation on June 2, final day of Congregation. He defeated another UBC graduate, Stan Persky, in the election.

NEXT WEEK AT UBC

Continued from page four

THURSDAY, MARCH 16

- 2:30 p.m.** **CONDENSED MATTER SEMINAR.** Mike Thewalt on Photoluminescence in Silicon: New Results. Room 318, Hennings Building.
- 3:45 p.m.** **APPLIED MATH AND STATISTICS COLLOQUIUM.** Dr. T. Johnson, Mathematics, UBC, on A Variational Method in Fluid Dynamics. Room 2449, Biological Sciences Building.
- 7:30 p.m.** **CUSO INFORMATION MEETING.** Upper Lounge, International House.

FRIDAY, MARCH 17

- 9:00 a.m.** **PEDIATRICS GRAND ROUNDS.** Dr. Catherine Barnard, School of Nursing, University of Washington, on Child Health Assessment Project. Lecture Hall B, Heather Pavilion, Vancouver General Hospital.
- 12 noon** **ISAAC RAY LECTURE.** Dr. Bruno Cormier, professor of psychiatry and head, Forensic Clinic, McGill University, on Some Clinical and Legal Aspects of Incest. Lecture Theatre, Health Sciences Centre Hospital.
- 12:30 p.m.** **AUDIOLOGY AND SPEECH SCIENCES LECTURE.** Prof. Jean Berko-Gleason, Division of Development Psychology, Boston University, on Talking to Children: Language Input and Acquisition. Room 102, Buchanan Building.
- 3:30 p.m.** **AUDIOLOGY AND SPEECH SCIENCES LECTURE.** Prof. Jean Berko-Gleason on Narrative Strategies in Aphasic Patients. Room 2225, Buchanan Building.
- CHEMICAL ENGINEERING SEMINAR.** C. Mangles on Improvement of Mortar by Impregnation with Plastics. Room 206, Chemical Engineering Building.

4:00 p.m. **BIOCHEMICAL SEMINAR.** Dr. Jim Ingles, Banting and Best Department of Medical Research, University of Toronto, on Mutant RNA Polymerases in Mammalian Cells. Lecture Hall 5, Woodward Instructional Resources Centre.

8:00 p.m. **UNIVERSITY SINGERS,** directed by James Fankhauser, perform Music of Brahms, Purcell and Palestrina. Recital Hall, Music Building.

FINANCIAL PROBLEMS?

David Crawford of the UBC Awards Office is available Thursdays from 12:30 to 2:30 p.m. at Speakeasy in SUB to talk to students who have questions or problems about their personal finances.

MUSEUM OF ANTHROPOLOGY

An exhibition of the collected works of Joe David, a contemporary West Coast artist, continues until May 31, 6393 N.W. Marine Dr.

TREASURES OF TUTANKHAMUN

Space is available for 100 faculty and staff (and families) on the tour to the Seattle Art Museum for Saturday, July 22, 10 a.m. to 11 p.m. If interested, please send name, address and \$10 to H.E. Kassis, Religious Studies (no telephone calls, please) by March 14.

FINE ARTS GALLERY

The Dennis Burton Retrospective exhibition, on loan from the Robert McLaughlin Gallery, Oshawa, Ont., continues until March 23. Tuesday — Saturday, 10:30 a.m. — 5:00 p.m. Fine Arts Gallery, Main Library.

BOTANICAL GARDEN

Anyone interested in rose-pruning techniques should contact Jack Duffill in the Rose Garden, north end of Main Mall, 10 a.m. — 3 p.m., Monday, Thursday, Friday. Rose pruning will be done during the period late February to mid-March.

NITOBE GARDEN

The Garden is now open seven days a week, 10 a.m. — 3 p.m.

NEXT WEEK AT UBC

Notices must reach Information Services, Main Mall North Adm. Bldg., by mail, by 5 p.m. Thursday of week preceding publication of notice.

VANCOUVER INSTITUTE

Saturday, March 11

Dr. Gobind Khorana, Nobel prize-winner, MIT, on **The Biological Revolution**.

Saturday, March 18

Prof. Martin Esslin, Stanford University, Calif., on **The Theatre of the Absurd**.

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

SUNDAY, MARCH 12

2:30 p.m. **STUDENT RECITAL**. Roma Robbins, soprano, will perform. Recital Hall, Music Building.

3:00 p.m. **MUSEUM OF ANTHROPOLOGY**. West Coast artist Joe David will meet and talk with museum visitors and comment on pieces in his exhibition in Gallery 5.

MONDAY, MARCH 13

11:30 a.m. **COMPUTER SCIENCE COLLOQUIUM**. Donn Parker, SRI, Menlo Park, Calif., on **System Security, Privacy and Computer Crime**. Room 301, Computer Sciences Building.

12:30 p.m. **JAPANESE MUSIC WORKSHOP** with Yoko Gates and Noriko Iguchi, graduates of Tokyo University of Fine Arts. Room 113, Music Building.

POETRY READING. Phyllis Webb reads from her work. Room 203, Buchanan Building.

HISTORY LECTURE. Prof. Thomas W. Laquer, University of California at Berkeley, on **Pauper Funerals and the Price of Death in Early Industrial England**. Room 104, Buchanan Building.

CANCER RESEARCH SEMINAR. Bruce Douglas, Cancer Control Agency of B.C., on **The 240 KV X-Ray Cell Survival Curve for Mouse Skin**. Library, Block B, Medical Sciences Building.

NATIVE INDIAN TEACHER EDUCATION PROGRAM distinguished speaker series. W.C. Thomas, superintendent, Peguis School Board, Peguis Indian Band, Manitoba, on **Local Control of Education**. Room 100, Scarfe Building.

2:30 p.m. **CHEMISTRY SEMINAR**. Dr. Raymond A. Firestone, Merck Sharp & Dohme Research Laboratories, New Jersey, on **1,3-Dipolar Cycloadditions**. Room 225, Chemistry Building.

3:30 p.m. **COMPUTING CENTRE LECTURE**. First in a series of three lectures on **GENLIN — A Generalized Least Squares Analysis of Variance Program** by Dr. Malcolm Greig. Room 443, Computer Sciences Building.

COMPUTING CENTRE LECTURE. First in a series of three lectures on **Graphics Facility at UBC** by Susan Mair. Room 447, Computer Sciences Building.

3:45 p.m. **MANAGEMENT SCIENCE SEMINAR**. Prof. S. Zionts, State University of New York at Buffalo, on **Multicriteria Decision-Making in Energy Planning**. Room 312, Angus Building.

4:00 p.m. **BIOCHEMICAL SEMINAR**. Dr. Brian Sykes, Biochemistry, University of Alberta, Edmonton, on **NMR Studies of Rabbit Tropomyosins**. Lecture Hall 3, Woodward Instructional Resources Centre.

4:30 p.m. **ZOOLOGY/PHYSIOLOGY SEMINAR**. Dr. Richard Brill, Physiology, University of Hawaii and National Marine Fisheries Lab., on **Thermal Regulation in the Tuna Fish**. Room 2449, Biological Sciences Building.

HISTORY OF EDUCATION SEMINAR. Prof. Thomas W. Laquer on **Sunday Schools and Working-Class Culture in the Industrial Revolution**. Room 202, Scarfe Building.

8:00 p.m. **AN EVENING OF CHAMBER MUSIC** with student small ensembles for strings and keyboard. Recital Hall, Music Building.

TUESDAY, MARCH 14

12:30 p.m. **BOTANY SEMINAR**. Ralph Emerson, Botany, University of California at Berkeley, on **Explorations in a Fungal Microgarden**. Room 3219, Biological Sciences Building.

GREEN VISITING PROFESSOR. Prof. Martin Esslin, Stanford University, Calif., on **The Theatre of Tomorrow**. Room 106, Buchanan Building.

NATIVE INDIAN TEACHER EDUCATION PROGRAM distinguished speaker series. Marjorie Cantryn, judge, Citizen Court of Canada, on **Women in Native Indian Education**. Room 100, Scarfe Building.

1:30 p.m. **ELECTRICAL ENGINEERING SEMINAR**. Dr. G. Sinclair, University of Toronto and Laser Fusion Ltd., on **Why Our Energy Policy Won't Work**. Room 402, Electrical Engineering Building.

3:30 p.m. **OCEANOGRAPHY SEMINAR**. Dr. B. Marcotte, Biology, University of Victoria, on **Copepod Diversity: Adaptation to an Unperceived Cause**. Room 1465, Biological Sciences Building.

METALLURGY SEMINAR. Prof. John S. Nadeau, Metallurgy, UBC, on **Nuclear Waste Disposal**. Room 308, Metallurgy Building.

4:30 p.m. **CHEMISTRY SEMINAR**. Dr. L.K. Thompson, Chemistry, Memorial University, Newfoundland, on **Trigonal Bipyramid — An Unusual Co-ordination Geometry**. Room 250, Chemistry Building.

8:00 p.m. **CLASSICAL JAPANESE CHAMBER MUSIC** Lecture-Concert. Yoko Gates and Noriko Iguchi on the koto and samisen, feature the contrasting modes of the Yamada and Ikuta schools. Recital Hall, Music Building.

WEDNESDAY, MARCH 15

10:30 a.m. **DEVELOPMENTAL MEDICINE SEMINAR**. Dr. S. Katz, Pharmacology, UBC, on **The Role of c-AMP Mediated Events in Sarcoplasmic Reticulum Calcium Transport**. Centre for Developmental Medicine, 811 W. 10th Ave.

12 noon **PHARMACOLOGY SEMINAR**. Dr. J. Diamond, Pharmacology and Toxicology, UBC, on **Involvement of Cyclic Nucleotides in Smooth Muscle Contraction and Relaxation**. Room 114, Block C, Medical Sciences Building.

12:30 p.m. **HISTORY LECTURE**. Dr. W.A.B. Douglas, head, National Defence Directorate of History, on **The Canadian Navy in World War Two**. Room 102, Buchanan Building.

NOON-HOUR CONCERT. Pacific Woodwind Quintet performs **Music of Cambini, Freedman and Bozza**. Recital Hall, Music Building.

CHRISTIAN COALITION film series **How Should We Then Live?** This week's program is on **Final Choices**. Room 100, Scarfe Building.

HABITAT HAPPENINGS '78. This week's films are on **Self Help**. Upper Lounge, International House.

CHRISTIAN OUTREACH small group bible study. Peter David, pastor, Shiloh Youth Revival Centres, on **Truth: But Where Shall Wisdom Be Found**. Room 200, Scarfe Building.

NATIVE INDIAN TEACHER EDUCATION PROGRAM distinguished speaker series. Dr. Michael Kew, Anthropology, UBC, on **The Potlatch: Implications for the Contemporary Native Indian Culture**. Room 100, Scarfe Building.

1:30 p.m. **COMPUTER CENTRE SEMINAR** on **Information Management** by Tony Buckland. Room 107, Computer Sciences Building.

4:00 p.m. **BIOCHEMICAL SEMINAR**. Dr. M. Nomura, Biochemistry and Genetics, University of Wisconsin, Madison, on **Genetics of Bacterial Ribosomes**. Lecture Hall 5, Woodward Instructional Resources Centre.

4:30 p.m. **ANIMAL RESOURCE ECOLOGY SEMINAR**. Dr. J.A. Wiens, Oregon State University, Corvallis, on **Bird Communities in Simple Habitats: Is There Structure or Chaos?** Room 2449, Biological Sciences Building.

7:30 p.m. **BEHAVIOR AND GENETICS SEMINAR**. Heather Manson, Zoology, UBC, on **Behavioral Mutants in Mice**. Room 5460, Biological Sciences Building.

THURSDAY, MARCH 16

9:00 a.m. **MEDICAL GRAND ROUNDS**. Dr. Victor Herbert, professor of medicine, State University of New York, on **Megavitamin Therapy: Current Status**. Lecture Hall B, Vancouver General Hospital.

PSYCHIATRY SEMINAR. Dr. R. Bootzin, Psychology, Stanford University, Calif., on **Behavioral Treatments for Insomnia**. Lecture Theatre, Health Sciences Centre Hospital.

12:15 p.m. **BEHAVIORAL SCIENCE SEMINAR**. K. Barnard, Nursing, Seattle, on **Child Health Assessment**. Children's Hospital, 250 W. 59th Ave.

12:30 p.m. **ENERGY SEMINAR**. Dr. John B. Warren, Physics, UBC, on **Uranium Energy and Hydrogen as Energy Vector for B.C.** Room 1202, Civil and Mechanical Engineering Building.

GREEN VISITING PROFESSOR. Prof. Martin Esslin on **Theatre and the Media**. Room 106, Buchanan Building.

UNIVERSITY SINGERS, directed by James Fankhauser, perform **Music of Brahms, Purcell and Palestrina**. Recital Hall, Music Building.

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