UBC REPORTS

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September 21, 1983

Martin Berinbaum of UBC's music department rehearses the University Concert Band in preparation for special installation ceremony in the Queen Elizabeth Theatre Sept. 26 when Dr. George Pedersen will be installed as president of UBC and Dr. William Saywell will be installed as president of Simon Fraser University. Some tickets for the 8 p.m. ceremony are available by calling 228-2484. Installation ceremony is prelude to UBC's National Universities Week celebrations Oct. 2-8, which are detailed in a special four-page supplement in this issue of UBC Reports.

FULL PROGRAM OF EVENTS FOR NATIONAL UNIVERSITIES WEEK

The University will observe National Universities Week Oct. 2 to 8 with a wide range of events and activities, both on and off campus.

A full listing of events is contained in a four-page lift-out centre section of today's *UBC Reports*.

As a prelude to Universities Week, all three B.C universities will join together in a colorful ceremony at the Queen Elizabeth Theatre Sept. 26 for the installation of William Saywell as president of Simon Fraser University and George Pedersen as president of UBC.

Admission is by ticket only, available through the Ceremonies Office, 228-2484. Tickets are free.

President optimistic despite sad state of UBC finances

UBC's new president, George Pedersen, told Senate and faculty last week that he remains optimistic despite the financial problems faced by the University.

Dr. Pedersen, who assumed office July 1 as the University's eighth president, chaired his first Senate meeting Sept. 14. The following day he addressed more than 500 faculty at a special meeting of the UBC Faculty Association.

After telling faculty that UBC now has an operating-budget shortfall of about $4 million, with a chance that the operating grant from the provincial government might be even lower next year, the president said:

"In spite of what I've had to say this afternoon, I remain very optimistic. I honestly do. And that is not a naive comment based on some lack of reality as to what we face.

"This is a great university. It is my intention that it will be considerably greater . . . Any aspirations we have to greatness at an international level will depend on the help and support and co-operation of all of you. It is certainly my expectation that you will be prepared to give it."

In his remarks to Senate, Dr. Pedersen said UBC should think in terms of being regarded as the number one institution of higher education in Canada over the next five years.

"I want to assure you that while I regard the challenge as extremely formidable, I do not regard it as hopeless at all."

He said that he and his wife, Joan, were "extremely pleased" to be associated with UBC, which he termed "a great resource of this province."

Dr. Pedersen, himself a UBC graduate, said his task would be to create "a set of conditions that will allow us to attain our own overriding goals — goals that will enhance professors, because in the final analysis professors are the university."

Speaking to faculty, the president explained that less money had been received this year from the provincial government, despite the fact that the federal government (which pays 77 per cent of university costs in B.C.) had increased its transfer of payments to the province for post-secondary education by eight per cent.

"My best estimate of what our shortfall is at the moment is $4.1 to $4.2 million. We will have to find that, in one way or the other, between now and the end of the fiscal year (March 31, 1984)."

He said maybe half of the shortfall could be recovered from various contingency funds and the remainder would have to come from existing units on campus. "The vice-presidents are currently going through that rather unpleasant exercise starting right now."

Dr. Pedersen said there were "long run" problems as well. He said he originally had

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See PEDERSEN

Board chairman tells Senate that co-operation is the key

The chairman of the Board of Governors, David McLean, called for closer cooperation between Board and Senate when he made an unprecedented appearance before the University Senate last week, at the invitation of President George Pedersen.

Here are the highlights of his remarks:

"I hope that we can look at some of the touchy issues that are going to be facing the Board and the Senate this year with a sense of humor, because we're going to need it.

"As we begin this academic year with many problems and challenges, I want you to know that the Board pledges itself to improve the relationship between the Board and the Senate, by ensuring that there will be a free flow of communication and ideas.

"I have no doubt whatsoever that we are all motivated by the same goals and objectives — to ensure that the University of British Columbia maintains a great educational system, always striving for those qualities of excellence that have established UBC as Canada's most outstanding university.

"Universities are not immune to (the recession.) In the 1983-84 academic year, we face very serious financial problems. Our funding is short and many sacrifices will have to made. At the same time, this will generate new opportunities . . .

"I think it will encourage us to seek financing from sources other than government. Perhaps we have become a little bit too self-satisfied, a little bit too heavily dependent upon government funding. We must now look for other sources, perhaps the private sector, for more support.

"We must have very serious scrutiny of need versus cost. We must carefully consider the cost of new programs balanced against the need to have that facility as an academic priority. You must set priorities.

"We must efficiently mobilize our existing resources. It is a time to look at both staff and physical resources, both of which we have an abundance of. There is no room for the inefficiency that a booming economy lets you get away with. We must now pause and carefully consider how to best use our limited resources. If we face this challenge realistically, the result will be improved morale, and general pride in what can be accomplished by the maximum utilization of existing resources.

"I would like to leave you with these

Please turn to Page 2
See McLEAN

Deficit leads to freeze on all hiring

A University-wide hiring freeze has been imposed by President George Pedersen because of UBC's difficult financial position.

"I am placing a freeze on all appointments chargeable in whole or part against University operating funds, effective immediately." Dr. Pedersen said in a Sept. 7 memo to deans, heads and directors. "This action applies to academic, non-academic and student service appointments."

The president said UBC faces a deficit in the order of $4 million for 1983-84, exclusive of salary increases.

"Legislation prevents us from ending a fiscal year in a deficit position without seeking and obtaining the approval of the Ministries of Finance and of Universities, Science and Communications," Dr. Pedersen said in his memo. "Even if we were to seek such approval to postpone the problem, it is not clear we would receive it."

The president said the hiring freeze would be reviewed on Oct. 5.

Meanwhile, only two groups of employees — the Association of University and College Employees and the Office and Technical Employees Union — have received wage increases this year. Members of those unions received 5.25 per cent on April 1 as the second year of two-year contracts negotiated last year.

Negotiations are continuing with other labor unions and faculty.

Winners of $7,500 scholarships from the provincial government's Heritage Trust are Glen Isaac, left, a 1983 UBC history graduate who is this year enrolled in the Archival Studies program, and Gordon Mohs, a 1976 UBC graduate in anthropology who is working on his master's degree at SFU. Isaac received the Willard Ireland Scholarship and Mohs the Charles Borden Scholarship.

Pedersen

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expected the same operating grant for the next five years, but there were reports now that there could be a cut of five per cent for 1984-85.

"For this university that is $10 million, and let me tell you, folks, I don't have a clue how the hell we would respond to a $10 million cut."

The president said he did not agree with the provincial government's restraint program.

"This is precisely the time when governments should be investing more in their people aged 18 to 24 . . . because we are not yet in the habit of allowing 18-to-24-year-olds to starve. They will be supported in one way or another, whether it's through welfare, UIC or whatever. I would really argue that it is a much more impressive way to go to invest in them by ensuring that they are in our universities."

Dr. Pedersen said Canadian universities have not done a particularly good job of convincing anyone in the private sector that they should support their universities.

"I would like to suggest to you that it is going to be necessary for all of us to do a better job of ensuring that the general public, including our political representatives, understand better what it is that universities are trying to do.

"I think almost without exception that everyone will concede that universities do a reasonably good job of producing educated manpower. People talk well generally about university graduates . . . The student side is one which is generally acknowledged as a worthwhile contribution."

What is not generally understood, however, he said, is the fundamental goal — the extension of understanding and the basic research that is our heritage.

"It is not always appreciated that the universities have been the major contributors to that for many hundreds of years."

The president also devoted some time to the question of inter-university co-operation, and commended the Faculty Association executive for their work with Simon Fraser University and the University of Victoria.

"All of you are aware that I have now sort of completed the B.C. circuit," said Dr. Pedersen, who was a vice-president of UVic and then president of SFU before coming to UBC, "so I have a little understanding about each of the three universities.

"If there is anything that has caused me genuine distress over the years it is the fact that universities in this province have somehow seen themselves in a competitive mode as opposed to a co-operative one.

"I would like to suggest to you that in the long haul, all of us have lost as a result of that effort . . . It's unfortunate that we have to get into the kind of situation that we are now in fiscally (before) we recognize that by working together we will gain a great deal more."

Dr. Pedersen called upon faculty "to give me a hand in trying to give encouragement and support to the non-academic staff."

"I'm sure all of you are prepared to acknowledge that without the help and the strength and the loyalty that comes from our administrative professional staff, our support staff and others within the University — that without that help, this University would not be a university.

"I would ask you that when those occasions arise, when people give a little more than is normally expected, that you take the time to give somebody a pat on the back, or if you have a little more time, drop them a note.

"I think it would make a lot of difference to the way in which we, as academics, are viewed and it would make a difference, I think, to the overall question of morale within this University.

"Morale is going to be a bit of a problem as it is, and we need all the help we can get."

The president received a sustained ovation from the overflow crowd in IRC 2. Faculty members contacted later said they were impressed by Dr. Pedersen's forthright approach and positive attitude.

McLean

Continued from Page 1

thoughts on behalf of the Board:

"One, we welcome the opportunity to work with Senate in facing problems and finding their solutions in the coming year.

"Two, we are excited about your new president and his administration. They are all first class people.

"Three, we are committed to academic excellence.

"Finally, we hold out our hand in friendship. We seek a new spirit of cooperation between the Board and the Senate to see that this institution which we both love shall flourish and prosper."

Mr. McLean's remarks were warmly applauded by Senate.

CAMPUS PEOPLE

Prof. Michael Shaw, University Professor in the UBC botany department, is the first recipient of the Gold Medal Award of the Biological Council of Canada for outstanding service to biology in Canada.

Prof. Shaw, who is the leading authority on rust diseases and their interactions with the plants they infect, has been honored on numerous occasions for his research. He was awarded the gold medal of the Canadian Society of Plant Physiologists, the Flavelle Medal of the Royal Society of Canada and an honorary Doctor of Science degree by his alma mater, McGill University.

The Biological Council, in awarding its gold medal for the first time, cited Prof. Shaw for his distinguished academic career and his "many significant contributions within the broader Canadian scientific community."

Prof. Shaw first joined UBC as dean of the Faculty of Agricultural Sciences and was named UBC's vice-president, academic, in 1975, a post he held until June 30 this year, when he stepped down to devote himself to teaching and research on a full-time basis.

Prof. Peter Oberlander, director of the UBC Centre for Human Settlements, is in Ottawa this week to present a paper at a research colloquium convened by the UN Economic Commission for Europe.

The colloquium is on "Human Settlement Policies in Periods of Economic Stress" and Dr. Oberlander has prepared an analysis of related experience in Western Canada.

President George Pedersen is a member of a group of 19 corporate leaders and an equal number of Canadian university presidents who met recently at Concordia University in Montreal for the inaugural meeting of the Corporate/Higher Education Forum, which seeks to promote dialogue between business and academia.

At its inaugural meeting, forum participants agreed to establish a planning committee to propose a permanent structure to assure the forum's viability.

Dr. Roy Taylor, director of the UBC Botanical Garden, is the recipient of the Mary E. Elliott Service Award of the American Botanical Association. The garden's assistant director, **A. Bruce Macdonald,** has been elected an honorary life member of the B.C. Nursery Trades Association.

Peter Hennessy, assistant registrar, admissions, has been selected by the Joint Commission on Workshops (American) Association of Collegiate Registrars and Admissions Officers and the National Association of Foreign Student Affairs to participate in an Arabian Gulf States Workshop in October and November.

In addition to being the only Canadian, Mr. Hennessy will be the team chairman for a visit to the Yemen Arab Republic.

A report on the workshop will be used as a reference guide for evaluating the educational systems of the Arabian Gulf States.

Joan Pedersen, wife of UBC president George Pedersen, was made honorary president of the Faculty Women's Club yesterday at the club's first meeting of the year, at Cecil Green Park.

Club president Barbara Tait, meanwhile, has invited wives of new and visiting faculty members to join. The club meets monthly and members are eligible to join any of 23 interest groups — including gourmet dining, hiking, art appreciation and financial affairs.

The Faculty Women's Club also raises money for student scholarships and bursaries.

At the bi-annual meeting of the Canadian Guidance and Counselling Association in Fredericton this summer, **Prof. John Allan** of Counselling Psychology and former graduate student, Mrs. Judith Nairne, received the "Best Professional Article Award" for their 1981 paper: *"Racial Prejudice in the classroom: A developmental counselling approach."*

Development plan headed by Ken Strand

Dr. Kenneth Strand, former president of Simon Fraser University, has been appointed project manager of the strategic planning project being conducted by the universities, the provincial government and the Universities Council of B.C.

This was announced by President George Pedersen to Senate Sept. 14. He also announced that Dr. Robert Smith, vice-president academic, will be UBC's representative on the working group headed by Dr. Strand.

In addition to defining the future roles of each university, the project will aim at developing strategies that will enable the university system to achieve its objectives and make the best use of available educational dollars.

The project is expected to be completed by the end of 1984.

Meanwhile, Senate last week endorsed a report on academic planning and priorities by the Senate budget committee.

"Whether it is in a period of expansion or retrenchment, the University needs an overall academic plan," the report said.

"In a period of expansion, the existence of a plan should enable the University to expand in a way which is in its best long-term academic interests. In a period of retrenchment, the existence of a plan should enable the University to act in a way which does the least damage to its major academic objectives."

The report said the first, and fundamental, step in working out an academic plan would be to decide in what areas the University should carry on its activities, to determine what might be considered as "core" activities. Factors such as quality, cost, and special value to the province or to Canada should be considered, the report said.

Dr. Pedersen told Senate that Dr. Strand was prepared to meet with the Senate Budget Committee.

Five appeals; 3 disallowed

The Senate Committee on Appeals on Academic Standing heard five appeals during the period April 1, 1982 to March 31, 1983, Senate was told last week.

Three of the appeals were denied and two were allowed in part.

The committee also recommended to Senate "that the Senate request faculties offering 'combined degrees' to re-assess and to report on the philosophy underlying those degrees, particularly with a view to deciding if it is appropriate to require that the work in the second of the degrees needs to be completed at this university."

The recommendation was approved by Senate.

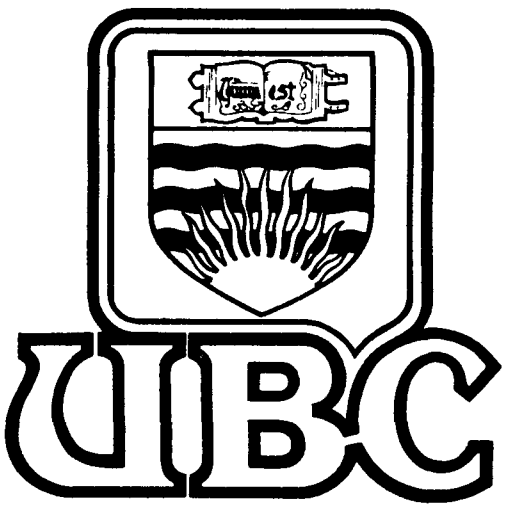
Behind the recommendation was an appeal from a student taking a combined Commerce-Law degree.

He completed all of the Commerce requirements at UBC, then did his first year of Law at Queen's and the second at McGill. On completion of his second year, at McGill, he applied for a Commerce degree from UBC.

This was denied because current regulations require that the Law requirement be met either at UBC or at the University of Victoria.

OCTOBER 2ND THROUGH 8TH

We have the future in minds.



NATIONAL UNIVERSITIES WEEK

The universities of Canada, including UBC, are celebrating. In the week of Oct. 2 to 8, you and your friends are invited to sample the events planned during National Universities Week. A wide range of concerts, tours, exhibits, lectures and sporting events — most of them free — are planned to focus attention on the essential role universities play in the life of the province through teaching, research and public service. This special supplement to *UBC Reports* provides details of all events being staged on the campus and a map showing the location of events. From Oct. 2 to 8, we'll be open so you can see a sampling of activities at Canada's second largest university. Plan to visit us.

Stanley Weese, left, directs Waiting for Godot *at UBC's Frederic Wood Theatre. Playing leading characters of tramps are Pat Blaney, centre, and Bruce Dow.*

Popular Art of South India is one of seven special displays at Museum of Anthropology. Museum open noon to 9 p.m. Oct. 4-8. Admission free.

Admission will be free during public swimming hours at UBC's Aquatic Centre during National Universities Week Oct. 2-8.

JOIN THE CELEBRATION!

National Universities Week Oct. 2-8

MONDAY, SEPT. 26

■ Special ceremony at 8 p.m. in the Queen Elizabeth Theatre to install Dr. George Pedersen as president of UBC and Dr. William Saywell as president of SFU. Some free tickets for the ceremony are available through UBC's Ceremonies Office. Call 228-2484 Monday to Friday, 9 a.m. - 4 p.m.

SATURDAY, OCT. 1

■ Soccer. UBC Thunderbirds vs. University of Victoria Vikings, 2 p.m. UBC Playing Fields (L-7 on map opposite). ■ Samuel Beckett's play, *Waiting for Godot,* 8 p.m. Frederic Wood Theatre. Ticket information: 228-2678. ■ Vancouver Institute Lecture. Dr. Margaret Rule, Mary Rose Trust, England, on *A Tudor Warship: King Henry VIII's Mary Rose,* 8:15 p.m., Lecture Hall 2, Woodward Building. Free admission.

SUNDAY, OCT. 2

■ Museum of Anthropology. Snake in the Grass Moving Theatre opens a new season with a performance of a Kwagiutl story entitled *The Wisest One* at 2:30 p.m. Museum open noon to 5 p.m. today, closed Monday. Free admission to museum Tuesday through Saturday, Oct. 4-8, open till 9 p.m.

MONDAY, OCT. 3

■ First of four lectures on *Advanced Technology, Human Values and the Universities* at Robson Square Media Theatre at 12 noon. Continues Oct. 5, 6, 7. Today's speaker: Dr. Peter Cornell, director of the Economic Council of Canada, on *Why We Must Broaden the Focus of Technological Policy in Canada — Now.* Free admission. ■ First of three discussions on the *Search for Knowledge* by UBC faculty members. Tonight's speakers: Dr. John McNeill, Pharmaceutical Sciences, and Dr. Douglas Clement, Sports Medicine, on *In Sickness and in Health.* Free admission. ■ Special **FESTIVAL OF THE ARTS** performance of Samuel Beckett's play *Waiting for Godot,* 8 p.m., Frederic Wood Theatre. Ticket information: 228-2678.

TUESDAY, OCT. 4

■ Second of three discussions on the *Search for Knowledge* by UBC faculty members. Continues Oct. 6 in Lecture Hall 6, Woodward Building, 7:30 p.m. Tonight's speakers: Prof. Michael Ovenden, Astronomy, and Prof. Tad Ulrych, Geophysics, on *Heaven and Earth.* ■ **FESTIVAL OF THE ARTS** concert by faculty members of the UBC Department of Music. Free admission. 8 p.m. Recital Hall, UBC Music Building.

WEDNESDAY, OCT. 5

■ Second of four lectures on *Advanced Technology, Human Values and the Universities* at Robson Square Media Theatre at 12 noon. Continues Oct. 6 and 7. Today's speaker: Dr. Tom Calvert, SFU interdisciplinary studies, on *Advanced Industrial Technology in B.C. — Are We Really Too Late?* Free admission. ■ Recital. *Das Marienleben,* a cycle of poems by Rilke set to music by Hindemith. Performed by Karen Smith, soprano, and Philip Tillotson, piano. Recital Hall, Music Building, 12:30 p.m. Free admission. ■ Museum of Anthropology concert by the Cassation Group. New music for percussion, computer synthesizer and recorder. 8 p.m. Rotunda, Museum of Anthropology. Free admission. ■ Geology lecture by Joe Nagel, curator M.Y. Williams Geology Museum, UBC, on *Data Bases and Museum Cases: Science and Museums.* Admission $2.50; $4 per couple. 8 p.m. Geological Sciences Centre. ■ **FESTIVAL OF THE ARTS.** A colorful evening of the performing arts featuring faculty and students in a program of music (40-voice choir), dance and poetry. Frederic Wood Theatre, 8 p.m. Free admission.

THURSDAY, OCT. 6

■ Third of four lectures on *Advanced Technology, Human Values and the Universities* at Robson Square Media Theatre at 12 noon. Continues on Oct. 7. Today's speaker: Dr. Erich Vogt, director of TRIUMF meson facility, on *The Cult of Modern Science and its Impact on Society.* Free admission. ■ Arts '20 Relay Race, opening ceremony at 12:30 p.m. on the south plaza of the Student Union Building. Relay starts at 12th and Willow and finishes on campus at the Great Trek cairn on Main Mall. ■ Last of three discussions on the *Search for Knowledge* by UBC faculty members in Lecture Hall 6, Woodward Building, 7:30 p.m. Tonight's speakers: Dr. Hector Williams, Classics, and Dr. Caroline Williams, postdoctoral fellow in Classics, on *Bringing the Past Back to Life.* Free admission. ■ Sitar Recital. *Classical Music of India* performed by Nikhil Banerjee, sitar, and Zakir Husain, tabla, 7:30 p.m., Recital Hall, Music Building. Ticket information: 228-3881. **FESTIVAL OF THE ARTS.** A program of short films, some of them national award winners, produced in the Department of Theatre. Frederic Wood Theatre, 8 p.m. Free admission.

FRIDAY, OCT. 7

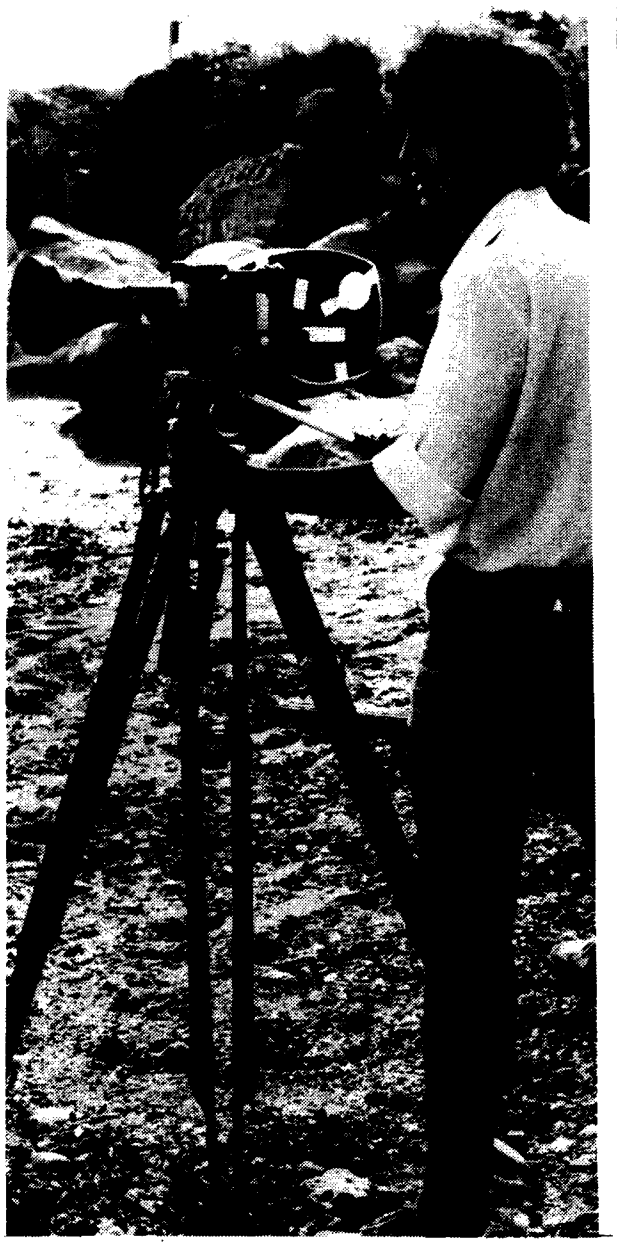
■ Last of four lectures on *Advanced Technology, Human Values and the Universities* at Robson Square Media Theatre at 12 noon. Today's speaker: Prof. W.D. Valgardson, chairman of the creative writing department at the University of Victoria, on *Technology and Literacy.* Free admission. ■ Soccer. UBC Thunderbirds vs. University of Lethbridge Pronghorns, 2 p.m., UBC Playing fields (L-7 on map opposite). ■ **FESTIVAL OF THE ARTS.** An evening of the performing arts featuring faculty and students in a program of music, dance and poetry. Frederic Wood Theatre, 8 p.m. Free admission.

SATURDAY, OCT. 8

■ Soccer. UBC Thunderbirds vs. University of Calgary Dinosaurs, 2 p.m., UBC Playing Fields (L-7 on map opposite). ■ Vancouver Institute Lecture. President George Pedersen, UBC, on *Education Under Siege: Academic Freedom and the Cult of Efficiency,* 8:15 p.m., Lecture Hall 2, Woodward Building. Free admission.

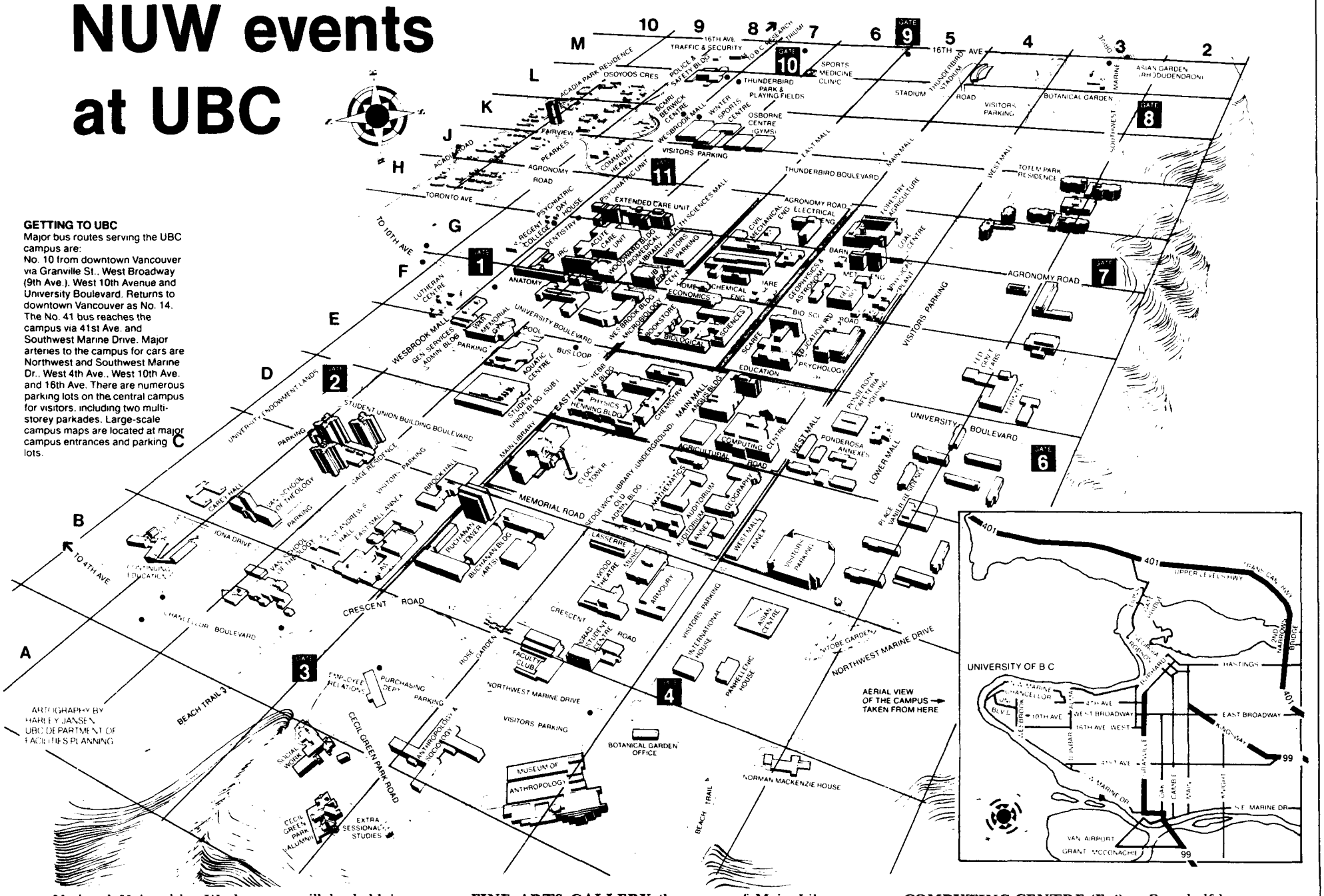
SUNDAY, OCT. 9

■ Museum of Anthropology. Snake in the Grass Moving Theatre presents a story entitled *Scab* at 2:30 p.m. Museum open noon to 5 p.m.



Work of UBC film-makers will be shown during National Universities Week Festival of the Arts at UBC. See Thursday, Oct. 6 at 8 p.m.

Here's a guide to the location of NUW events at UBC



GETTING TO UBC
Major bus routes serving the UBC campus are:
No. 10 from downtown Vancouver via Granville St., West Broadway (9th Ave.), West 10th Avenue and University Boulevard. Returns to downtown Vancouver as No. 14. The No. 41 bus reaches the campus via 41st Ave. and Southwest Marine Drive. Major arteries to the campus for cars are Northwest and Southwest Marine Dr., West 4th Ave., West 10th Ave. and 16th Ave. There are numerous parking lots on the central campus for visitors, including two multi-storey parkades. Large-scale campus maps are located at major campus entrances and parking lots.

National Universities Week events will be held in a number of campus buildings and locations during the week of Oct. 2-8. Locations of events are listed below, together with the co-ordinates to enable you to pinpoint buildings on the campus map above.

PARKING — There will be free parking on the campus Oct. 2-8 on weekends and after 5 p.m. on weekdays. The most convenient parking facilities on campus are parkades located in co-ordinates **D-3** and **G-6.**

THUNDERBIRD PARK PLAYING FIELDS (L-7) — Site of soccer games against UVic Oct. 1, Lethbridge Pronghorns Oct. 7 and Calgary Dinosaurs Oct. 8. All games start at 2 p.m.

BOTANICAL GARDEN (L-3) — A daily tour of the Main Botanical Garden begins at 2 p.m. Oct. 3-7 starting from garden entrance on Stadium Road. Admission to the **NITOBE JAPANESE GARDEN (C-3)** will be free Oct. 2-8. **HORTLINE,** UBC's horticultural advisory service, will be at Lansdowne Shopping Centre on No. 3 Road in Richmond from 12:30 to 3:30 p.m. Oct. 3-7. Bring your plants for advice on care and protection.

WOODWARD BUILDING (G-6) — Site of three free lecture-discussions on the search for knowledge by leading UBC researchers on Oct. 3, 4 and 6 at 7:30 p.m. in Lecture Hall 6. Lecture details on the next page of this flyer. UBC president Dr. George Pedersen winds up National Universities Week at UBC Oct. 8 when he addresses the Vancouver Institute in Lecture Hall 2 of the Woodward Building on the topic **Education Under Siege: Academic Freedom and the Cult of Efficiency.** Free admission.

AQUATIC CENTRE (E-6) — Free admission to UBC's Olympic-sized swimming pool during public swimming hours Oct. 2-8. For hours, call 228-4521.

STUDENT UNION BUILDING (E-6) — Cafeteria in building open Oct. 2-8 (till 7 p.m. Oct. 3-6). Bowling and video games in basement.

BOOKSTORE (F-5) — UBC's new Bookstore, the second-largest in Canada, will be open till 9 p.m. Oct. 3 to 7. Huge selection of specialized books, fiction, stationary, art supplies, calculators, microcomputers, novelties.

ARTS '20 RELAY — This annual event, now in its 64th year, will wind its way through Vancouver streets on Oct. 6 from 12th and Willow to the finish line at the Cairn in front of the UBC Chemistry Building (E-5). Opening ceremonies at 12:30 p.m. on the south plaza of the Student Union Building (E-6).

FINE ARTS GALLERY (basement of Main Library, D-5) — Display of contemporary Japanese porcelain. Gallery open noon to 9 p.m. Oct. 3-8, free admission. Look for other National Universities Week displays in showcases in the Main Library building.

GEOPHYSICS AND ASTRONOMY BUILDING (G-4) — Telescopes on the roof of this building will be open Oct. 3-8 from 8-11 p.m. for free public observing, provided skies are clear.

GEOLOGICAL SCIENCES CENTRE (G-4) — M.Y. Williams Geology Museum open 8:30 a.m. to 9 p.m. Oct. 3-7. See mining and mineral displays and reconstructed dinosaur. Free admission. Lecture by museum curator Joe Nagel on **Data Bases and Museum Cases: Science and Museums** at 8 p.m. Oct. 5. Admission $2.50, $4 per couple.

FREE FOR ALL

- **UBC's Museum of Anthropology will be open without charge until 9 p.m. Oct. 4 to 8.**
- **Free admission to UBC's Aquatic Centre during public swimming hours Oct. 2-8.**
- **Free tours of UBC Main Botanical Garden Oct. 3-7 at 2 p.m.**
- **Visit UBC Geology Museum for fascinating mining and mineral displays and a look at a reconstructed dinosaur. Open until 9 p.m. Oct. 3-7.**
- **Free lecture series at UBC Oct. 3, 4 and 6 and at Robson Square Oct. 3, 5, 6 and 7.**
- **See the stars through UBC telescopes Oct. 3-8, provided skies are clear.**
- **Free Festival of the Arts (music, dance, film, art display) and other exhibits open Oct. 2-8.**

COMPUTING CENTRE (E-4) — Free, half-hour tours of UBC's Computing Centre, one of Canada's best, on Oct. 4 from 10 a.m. to noon. Other tours can be arranged by calling 228-3939 one week in advance.

OLD ADMINISTRATION BUILDING (D-4) — Seldom-seen paintings by Emily Carr, Lawren Harris, A.Y. Jackson and others on display in the Board and Senate Room (2nd floor) Oct. 3-7 (except Thursday, Oct. 6). Free admission, noon to 9 p.m.

MUSIC BUILDING (C-4) — Free concerts on Oct. 4 and 5. UBC faculty members will perform a varied program of music by Bach, Brahms and others on Oct. 4 at 8 p.m. On Oct. 5 at 12:30 p.m., a performance of Hindemith's *Das Marienleben,* a cycle of poems on the life of the Virgin Mary by Rilke, set to music. On Oct. 6, sitar maestro Nikhil Banerjee performs at 7:30 p.m. Admission $10 general, students $7.50. For ticket information, call 228-3881.

FREDERIC WOOD THEATRE (C-4) — Site of Festival of the Arts performances Oct. 3-7. Oct. 3 - Special performance of Samuel Beckett's play *Waiting for Godot* at 8 p.m. $6.50 adults, $4.50 students and seniors. For ticket information, call 228-2678. Oct. 5 - UBC faculty members and students present a colorful evening of the performing arts, including the 40-voice University Singers conducted by James Fankhauser, plus dance and poetry readings. Free admission. Oct. 6 - Film at UBC, a program of short films made by members of UBC's theatre department. Several award-winners will be shown. Free admission. Oct. 7 - another evening of the performing arts featuring music, dance and poetry readings. Free admission.

MUSEUM OF ANTHROPOLOGY (B-4) — Museum open noon to 9 p.m. Oct. 4-8. Free admission. Special National Universities Week events: Oct. 2 - Snake in the Grass Moving Theatre performs at 2:30 p.m. Oct. 2. *(The Wisest One,* a Kwagiutl story) and at 2:30 p.m. Oct. 9 (premier performance of *Scab*); Guided walking tours of museum collections and special exhibits at 2:30 p.m. Oct. 4 and 6; The Cassation Group, a chamber ensemble presents new music for percussion, computer synthesizer and recorder at 8 p.m. on Oct. 5. Special exhibits currently on display include The Copper that Came from Heaven, Calendar Prints: Popular Art of South India, Blood from Stone: Making and Using Stone Tools in Prehistoric B.C., plus four student displays.

ASIAN CENTRE (C-3) — Free displays: **Kasuri Folk Fabric of Japan,** opens on Oct. 2 and continues until Oct. 16 (noon to 9 p.m. Oct. 2-8): Exhibition of landscape paintings by D.A. Khamgaonkar opens Oct. 3 and continues until Oct. 9.

NATIONAL UNIVERSITIES WEEK

Here are details of NUW events at UBC

Members of the public are invited to participate in a wide range of events and activities taking place both on and off campus, as UBC joins in the celebration of National Universities Week, Oct. 2 through 8.

Highlights of the UBC activities include a Festival of the Arts, which features a presentation each evening by students and faculty in the performing arts, lectures on research and advanced technology, sporting events, displays and exhibits and much more.

Watch for the following events during National Universities Week:

ART

Seldom-seen works from UBC collections by artists such as Emily Carr, Lawren Harris, A.Y. Jackson, Jack Shadbolt and others will be displayed in the Board and Senate Room of the Old Administration Building, Oct. 3-7 (except Thursday, Oct. 6), noon to 9 p.m.

THEATRE AND PERFORMING ARTS

The following events take place at 8 p.m. in the Frederic Wood Theatre, unless otherwise indicated. A special performance of Samuel Beckett's play *Waiting for Godot* will be staged on Oct. 3. Tickets are $6.50 for adults, $4.50 for students and seniors (reservations at 228-2678). On Oct. 4, faculty members from UBC's music department will present a free concert at 8 p.m. featuring the music of Bach, Brahms, Dvorak, Piston and others. The concert takes place in the Recital Hall of the Music Building. On Oct. 5 there will be a recital by the University Singers, led by James Fankhauser, and dance performances, drama and poetry readings by students and faculty. Admission is free. A program of short films, among them national award winners, produced by members of the theatre department will be shown on Oct. 6 (free admission). On Oct. 7, faculty and students present another free evening of music, dance and poetry reading.

MUSIC

Das Marienleben, a cycle of poems based on the life of the Virgin Mary set to music by Hindemith, will be performed in a free concert on Oct. 5 by Karen Smith, soprano, and Philip Tillotson, piano. The recital is at 12:30 p.m. in the Music Building's recital hall. At 7:30 p.m. on Oct. 6 sitar maestro Nikhil Banerjee will give a concert of classical music of India, accompanied by Zakir Husain. Tickets are $10 general, $7.50 for students. Recital Hall, Music Building.

DISPLAYS AND EXHIBITS

An exhibit of Contemporary Japanese Ceramics will be on display at the Fine Arts Gallery, located in the basement of the Main Library. Gallery is open Oct. 4 through 8 until 9 p.m. (free admission). The Asian Centre is featuring an exhibit entitled **Kasuri: Folk Fabric of Japan,** Oct. 2 to 16. Exhibit hours are noon to 9 p.m. daily during NUW. In the Music Studio of the Asian Centre, a display of landscape paintings of India by D.A. Khamgaonkar is open to the public from noon to 9 p.m. daily during NUW. Both exhibits are free.

LECTURE SERIES

Two lecture series - one on campus and another at Robson Square — will be highlights of National Universities Week.

The on-campus series takes place in Lecture Hall 6 of the Woodward Building and will feature a few of UBC's leading researchers discussing their work. Admission is free.

The series leads off on Oct. 3 at 7:30 p.m. with two UBC faculty members discussing health matters under the title **In Sickness and In Health.** Speakers will be Prof. John McNeill of Pharmaceutical Sciences, who works with new drugs for heart disease and diabetes, and Dr. Douglas Clement, of the sports medicine department, who studies the biomechanics of running, iron metabolism and doping control.

On Oct. 4 at 7:30 p.m., under the title **Heaven and Earth,** the speakers will be astronomer Prof. Michael Ovenden and geophysicist Prof. Tad Ulyrch. In addition to discussing their own research, the pair will reflect what their work has taught them about science itself.

A husband-and-wife team of archeologists will discuss important research they have done at sites in Turkey and Greece at 7:30 on Oct. 6 during an evening entitled **Bringing the Past Back to Life.** The speakers are Dr. Hector Williams of Classics and his wife, Caroline, a post-doctoral fellow at UBC. Both have recently returned from Greece.

The other series of four lectures at noon in the Robson Square Media Centre Theatre is jointly sponsored by UBC, SFU and UVic and is entitled **Advanced Technology, Human Values and the Universities.** Admission to all the lectures listed below is free.

Leading off the series Oct. 3 will be Dr. Peter Cornell, director of the Economic Council of Canada, who speaks on **Why We Must Broaden the Focus of Technological Policy in Canada — Now.** The second lecturer is Dr. Tom Calvert, dean of interdisciplinary studies at SFU, who speaks on **Advanced Industrial Technology in B.C. — Are We Really Too Late?** on Oct. 5. The lecturer on Oct. 6 will be Dr. Erich Vogt, director of the TRIUMF Project located at UBC and a professor of physics, whose topic will be **The Cult of Modern Science and its Impact on Society.** The final speaker in the series on Oct. 7 will be Prof. W.D. Valgardson, writer and chairman of the creative writing department at the University of Victoria, whose topic is **Technology and Literacy.**

Associated with the Robson Square lecture series is a 60-minute television program — a joint project between UBC and SFU — entitled **Advanced Technology - The University and the Community,** which explores the economic, social, educational and research issues of advanced technology in B.C. and the role of the universities. Appearing on the program will be well-known B.C. scientist Dr. Gordon Shrum, the presidents of UBC and SFU and Dr. Patrick McGeer, provincial minister of universities, science and communications. The program will be shown on the Knowledge Network (KNOW) on converter channel 18 in B.C.'s Lower Mainland on the following schedule: Oct. 6, 10-11 p.m.; Oct. 7, 1:30-2:30 p.m. and Oct. 9, 9-10 p.m. Check local listings for telecast times in other B.C. areas.

Two other talks worth noting during National Universities Week: UBC president Dr. George Pedersen speaks to the Vancouver Institute in Lecture Hall 2 of the Woodward Building at 8:15 p.m. Oct. 8. His topic: **Education Under Siege: Academic Freedom and the Cult of Efficiency.** On Oct. 5 at 8 p.m., Joe Nagel, curator of the UBC geology museum, speaks in the Geological Sciences Centre on **Data Bases and Museum Cases: Science and Museums.** Admission $2.50; $4 a couple.

SPORTS EVENTS

Three soccer games, all of them at 2 p.m. at the Thunderbird Park playing fields, will take place during NUW at UBC. On Oct. 1, the Thunderbirds meet their archrivals from the University of Victoria. The Lethbridge Pronghorns will be in town on Oct. 7 and the Calgary Dinosaurs will be the visitors on Oct. 8.

On Thursday, Oct. 6, the 64th annual running of the Arts '20 Relay Race begins at 12th and Willow in Fairview about 1:45 p.m. Teams of runners will reach the campus via 16th Ave., Blanca St. and University Boulevard, terminating at the Cairn on the Main Mall.

MUSEUM OF ANTHROPOLOGY

There will be plenty to see and do at the museum which will be open until 9 p.m. Oct. 4 to 8 with free admission. The Snake in the Grass Moving Theatre begins its season with a Kwagiutl story entitled *The Wisest One* on Oct. 2 at 2:30 p.m. On Oct. 9 the theatre presents a premiere performance of *Scab.* Guided walking tours of the museum's collections and special exhibitons will take place on Oct. 4 and 6 at 2:30 p.m. The Cassation Group, a chamber ensemble, performs new music for percussion, computer synthesizer and recorder on Oct. 5 at 8 p.m.

OFF-CAMPUS DISPLAYS, SPECIAL EVENTS

The University of B.C. Press will mount a display illustrating UBC's extensive publishing program in the Bentall Centre, Burrard and Pender Sts., Oct. 3-7 from 9 a.m. to 5 p.m.

The UBC Botanical Garden will take its plant advisory service — the HORTLINE — to Lansdowne Shopping Centre in Richmond Oct. 3-7 from 12:30 to 3:30 p.m. Bring your plant problems to the experts.

Some 24 UBC faculty members will be appearing on the Rafe Mair open line radio show on station CJOR (dial 600) in and around NUW. The faculty members will describe their research in such areas as politics, economics, the forest and fishing industries, cancer, herpes, TV advertising and Toxic Shock Syndrome, among other things. The show is on from 9 a.m. to 12 noon.

The CBC program entitled **Ideas** will broadcast a series of talks Oct. 2-6 entitled **Hard Times in the Ivory Tower,** detailing the problems and achievements of Canadian universities. **Ideas** is broadcast on AM radio (dial 690 in Vancouver) from 9:05 to 10 p.m.

Come see what's going on at your local university.
It's more than academic!

Take a look at the rich cultural life, the exciting sports events - and at the special activities scheduled during National Universities Week.

We'll intrigue you - we'll probably surprise you. Because we're more than academic.

October 2nd - 8th

NATIONAL UNIVERSITIES WEEK

Ed Carlin joins UBC for year

Ed Carlin, Superintendent of Schools in West Vancouver, has been appointed to a one-year term as the first Resident Fellow in UBC's Department of Administrative, Adult and Higher Education in the Faculty of Education.

In addition to teaching duties in the department, Mr. Carlin will act as a liaison between UBC and the Association of B.C. School Superintendents in a study being carried out by a group of UBC researchers on the state of school superintendency in the province.

Profiles will be developed of the 75 superintendents in B.C. and their role and effectiveness within the school system will be examined.

Prof. Lawrence Downey, head of the administrative, adult and higher education department and chief investigator in the study, said he hoped Mr. Carlin's appointment at UBC would be the first step in developing a closer association between the University and the profession in B.C.

John Wormsbecker, past president of the Association of B.C. School Superintendents who was instrumental in initiating the liaison with UBC, said members of the association were "delighted" with the appointment.

"I think it provides a much-needed strengthening of the link between the University and the profession . . . between theory and practice. The association is pleased that someone with Mr. Carlin's experience and ability has been chosen for this task."

Mr. Carlin holds a Bachelor of Education degree from UBC and a Master of Education degree from the University of Western Washington, and has worked as a teacher and district superintendent in B.C. for the past 26 years. He has been Superintendent of Schools in West Vancouver since 1974.

Alan Bruce Gellatly, from the University of Waterloo, assumes office Jan. 1, 1984, as UBC's Vice-President, Finance.

UBC grad gets key NSERC job

A UBC graduate has been named director of grants for the National Sciences and Engineering Research Council (NSERC), the major national funding agency for research in the basic and applied sciences.

Janet Halliwell, who was awarded her Master of Science degree in chemistry by UBC in 1970, has been with NSERC since 1977 and laid the groundwork for the council's strategic grants program.

The programs under Ms. Halliwell's direction currently entail annual expenditures of about $160 million or 64 per cent of NSERC's 1983-84 budget. In the last fiscal year, UBC researchers were awarded $17,546,387 by NSERC.

Former Botany Head Tommy Taylor dies

Professor emeritus T.M.C. "Tommy" Taylor, former head of UBC's Department of Biology and Botany and director of the UBC Botanical Garden, died in Victoria on Aug. 6 at the age of 79.

Prof. Taylor joined the UBC faculty in 1946 after a 19-year teaching and research career at the University of Toronto, where he received his Doctor of Philosophy degree in 1930. He graduated from UBC in 1926 with honors in biology.

He became head of the Department of Biology and Botany at UBC in 1954 and stepped down from the post in 1963 to devote full time to teaching and research. He retired in 1968.

Dr. Taylor was widely known as one of Canada's leading experts on ferns and roses. He was the author of a book on ferns and numerous articles which appeared in learned journals in Canada and the U.S.

Prof. Taylor maintained an active interest in his discipline after retirement and was a member of a UBC Botanical Garden study group which visited the Queen Charlotte Islands a month prior to his death.

* * *

Robert E. Mills, a lecturer in UBC's Faculty of Forestry since 1980, died suddenly on July 25 at the age of 56.

A graduate of the University of Washington, Mr. Mills had extensive experience in the forest industry in the areas of forest management and engineering prior to joining the UBC faculty.

* * *

Alice Neil, a long-time supporter of the arts at UBC, died on July 27 at the age of 90. For more than 20 years she represented the University Chapter of the I.O.D.E. on the University's Fine Arts Committee, helping to establish the Fine Arts Gallery in 1948 and the Fine Arts Foundation in 1963. Although the University Chapter of the I.O.D.E. no longer exists, funds raised through its efforts under the leadership of Mrs. Neil still provide assistance to the Fine Arts Gallery and annual scholarships for students in the Departments of Fine Arts, Theatre, Music and Creative Writing.

Mrs. Neil was born in Lennoxville, Quebec in 1892, and graduated with a Master of Arts degree in English and economics from UBC in 1932.

Comedy, farce key elements

Comedy and farce are the key elements in four plays being staged by UBC's Department of Theatre at the Frederic Wood Theatre in the 1983-84 season.

Leading off the season is Samuel Beckett's classic 20th-century comedy *Waiting for Godot*, which opens tonight (Sept. 21) at 8 p.m. Stanley Weese directs the play, which centres on the vigil of two tramps who wait (and wait) in the wilderness to keep an appointment with a Mr. Godot. The play runs until Oct. 3, with the final night marking the opening of a UBC Festival of the Arts during National Universities Week Oct. 2-8.

The second play of the season is *Love's Labor's Lost*, William Shakespeare's play about four young men who decide to isolate themselves for three years of study and contemplation, only to have their idyll shattered by the unexpected arrival of four determined young women. The play is directed by Arne Zaslove and runs from Nov. 9 to 19.

Theatre department head John Brockington will direct Oscar Wilde's play *The Importance of Being Earnest* Jan. 11 through 21. Described by Wilde as "a trivial comedy for serious people," this well-known farce contains such legendary characters as Lady Bracknell, Canon Chasuble and Miss Prism.

The final play of the Freddy Wood season is *The Suicide* by Nikolai Erdman. The play is a political farce in which Podsekalnikov's intended suicide is greedily seized upon by a mob of Muscovites, each anxious to claim it for his own political cause. The play was banned by the Soviet Censorship Committee in 1932 and still has not been seen in that country. *The Suicide* is directed by Klaus Strassmann and runs from March 7 to 17.

President to speak at Toronto meeting

The Association of Universities and Colleges of Canada (AUCC) and the American Council on Education (ACE) are co-hosting a major conference in Toronto Oct. 11-14, with the theme "North American Higher Education: Shaping the Future."

President George Pedersen of UBC will speak Oct. 13 on "Ethical Aspects of Public Relations in Higher Education."

The conference is open to all interested. Registration information is available from Joan Rondeau, AUCC, 1200-151 Slater Street, Ottawa, K1P 5N1. Telephone (613) 563-1236.

UBC CALENDAR

Calendar Deadlines

For events in the weeks of Oct. 9 and 16 material must be submitted not later than 4 p.m. Sept. 29. Send notices to Information Services, 6328 Memorial Road (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.

Saturday, Sept. 24
China's Race Against Time: Modernization and Education. President William Saywell, Simon Fraser University.

Saturday, Oct. 1
A Tudor Warship: King Henry VIII's Mary Rose. Dr. Margaret Rule, The Mary Rose Trust, England.

Both lectures take place in Lecture Hall 2 of the Woodward Instructional Resources Centre at 8:15 p.m.

MONDAY, SEPT. 26

The Pedersen Exchange.

An opportunity for any member of the on-campus University community to meet with President George Pedersen, to discuss matters of concern. Persons wishing to meet with the president should identify themselves to the receptionist in the Librarian's office, which is immediately to the left of the main entrance to the Main Library Building. The president will be available every Monday when he is on campus. 3:30 to 5 p.m.

Mechanical Engineering Seminar.

The Role of Technology in Economic Development. Dr. Tom Siddon. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar.

Bifurcation and Limit Points in Elastic Shell Problems. Prof. Hubertus J. Weinitschke, Institut fur Angewandte Mathematik, Universitat Erlangen-Nurnberg. Room 229, Mathematics Building. 3:45 p.m.

Astronomy Seminar.

A Long Look at the X-Ray Sky. Dr. Bill Priedhorsky, Los Alamos National Laboratory, New Mexico. Room 318, Hennings Building. 4 p.m.

Biochemical Discussion Group Seminar.

Gene Expression in the Rat and Human Intestine. Dr. Jeff Gordon, Biological Chemistry, Washington University School of Medicine. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

Zoology Physiology Group Seminar.

Coping with Environmental Stress; Wave Forces on Intertidal Organisms. Dr. Mark Denny, Hopkins Marine Laboratory, Stanford University. Room 2449, Biological Sciences Building. 4:30 p.m.

TUESDAY, SEPT. 27

Botany Seminar.

Mitochrondrially-Based Senescence in *Neurospora*. Dr. Anthony Griffiths, Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Assertiveness Training Workshop.

The Office for Women Students will lead an Assertive Training Group for women students Sept. 27 to Oct. 11 from 12:30 - 2:30 p.m. Pre-registration required in Room 203 of Brock Hall. Room 106C, Brock Hall. 12:30 p.m.

Oceanography Seminar.

The Measurement of Biological Active Copper in Seawater. Dr. Niko Zorkin, Oceanography, UBC. Room 1465, Biological Sciences Building. 3 p.m.

Chemistry Lecture.

Photoimmunotherapy: The Use of Conjugates of Monoclonal Antibodies and Hematoporphyrin as "Magic Bullets" in the Treatment of Tumors in Animal Models. Prof. Julia G. Levy, Microbiology, UBC. Room 250, Chemistry Building. 4 p.m.

WEDNESDAY, SEPT. 28

Noon-Hour Recital.

Music of Schubert, Weber, Kuhlau and Donizetti. Paul Douglas, flute, and Robert Rogers, piano. Recital Hall, Music Building. 12:30 p.m.

Women's Studies and English Lecture.

Cult Books and Sexual Cultures. Prof. Blanche Gelfant, Robert E. Maxwell Professor, Dartmouth University. Sponsored by the Committee on Lectures. Room A102, Buchanan Building. 12:30 p.m.

Mature Women Student Discussion Group.

The Brown Bag Lunch Group. Students bring their own lunch at these weekly informal discussions focusing on topics of interest to mature women students. Returning women students invited to join. Sponsored by the Women Students' Office. Room 223, Brock Hall. 12:30 p.m.

Statistics Workshop.

A Simple Two-Dimensional Competing Risks Problem. Prof. P.C. Sander, University of Eindhoven, Netherlands. Room 223, Angus Building. 3:30 p.m.

Economic Theory Workshop.

Welfare Dominance and Poverty Orderings. James Foster, Economics, Purdue University. Room 351, Brock Hall. 4 p.m.

Zoology Physiology Group Seminar.

Biochemistry of Freezing Tolerance in Animals. Dr. Kenneth B. Storey. Institute of Biochemistry, Carleton University. Room 5460, Biological Sciences Building. 6 p.m.

Folk Dance Club.

Folk dances and steps from many countries taught at beginning and intermediate level. Open to students, faculty, staff and community. Yearly fee is $10 (students $5). No partner necessary. For further information, call Marcia Snider at 738-1246. Upper Lounge, International House. 7:30 p.m.

Faculty Club Meeting.

Annual general meeting of the Faculty Club. Ballroom, Faculty Club. 8 p.m.

THURSDAY, SEPT. 29

Faculty Recital.

Music of Villa-Lobos, Rorem and Chatman. Alan Rinehart, guitar, and Jane Martin, flute. Recital Hall, Music Building. 12:30 p.m.

Geological Colloquium.

Phosphate Removal during Diagenesis of Mine Tailings in Rupert Inlet. T.F. Pedersen, Oceanography, UBC. Room 330A, Geological Sciences Building. 12:30 p.m.

Continued on Page 4

UBC CALENDAR

Thursday, Sept. 29
Continued from Page 3

Computing Centre Open House.
Self-guided tours through the machine room. Open to all students, staff and faculty. Starting point is Room 100, Computer Sciences Building. 12:30 - 4 p.m.

Film/Discussion.
The Making of Judy Chicago's 'The Dinner Party'. Pre-registration in Room 203 of Brock Hall. For information, call 228-2415. Room 203, Brock Hall. 12:30 p.m.

Condensed Matter Seminar.
Metallic Glasses: The Simplest Kind of Metal? John Strom-Olsen, McGill University. Room 318, Hennings Building. 2:30 p.m.

Librarianship/History Lecture.
The Signing of the Peace of Paris in 1783. Dr. H.G. Jones, archivist and historian. Room A100, Buchanan Building. 3:30 p.m.

China Seminar.
The Romanticism and Humanism of China's Post-Mao 'Thinking Generation'. Prof. Michael Duke, Asian Studies, UBC. Room 604, Asian Centre. 3:30 p.m.

Mathematics Colloquium.
Representing $PSL_2(p)$ on a Riemann Surface of Least Genus. Prof. Denis Sjerve, UBC. Room 1100, Mathematics Annex Building. 3:45 p.m.

Biochemical Discussion Group Seminar.
Regulation of Haemoprotein Synthesis in Yeast. Dr. Helmut Ruis, Institut fur Allgemeine Biochemie and Ludwig Boltzmann-Forschungsstelle fur Biochemie, Vienna. Lecture Hall 3, Woodward Instructional Resources Centre. 4 p.m.

SUB Films.
Gandhi. Continues until Sunday, Oct. 2. Thursday and Sunday shows at 7 p.m., Friday and Saturday at 6:30 and 9:45 p.m. Auditorium, Student Union Building. 7 p.m.

FRIDAY, SEPT. 30

Medical Genetics Seminar.
Actions of Environmental Mutagens on the Human Genome. Prof. H.E. Evans, M.R.C., Western General Hospital, Edinburgh. Parentcraft Room, Grace Hospital. 1 p.m.

SATURDAY, OCT. 1

Soccer.
UBC vs. Victoria Vikings. UBC Playing Fields. 2 p.m.

MONDAY, OCT. 3

Anthropology and Sociology Lecture.
Rock Art: New Scopes on Old Subject. Prof. Emmanuel Anati, director, Centro di Studi Preistorici, Brescia, Italy. Room 102, Lasserre Building. 1:30 p.m.

The Pedersen Exchange.
An opportunity for any member of the on-campus University community to meet with President George Pedersen, to discuss matters of concern. Persons wishing to meet with the president should identify themselves to the receptionist in the Librarian's office, which is immediately to the left of the main entrance to the Main Library Building. The president will be available every Monday when he is on campus. 3:30 to 5 p.m.

Applied Mathematics Seminar.
Asymptotic Analysis of Some Hankel Transforms. Dr. Chris Frenzen, Mathematics, UBC. Room 229, Mathematics Building. 3:45 p.m.

TUESDAY, OCT. 4

Faculty Women's Club.
General Meeting. Babysitting available. Registration for interest groups. Cecil Green Park. 10 a.m.

Botany Lecture.
Variation in some *Lasthenia* Populations. B. Bohm, Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Chemistry Lecture.
TRIUMF and the Emerging Chemistry of Quarks, Gluons and Leptons. Dr. Erich W. Vogt, TRIUMF, UBC. Room 250, Chemistry Building. 4 p.m.

Gerontology Lecture.
Aging Populations and Aging Communities. Dr. Peter Oberlander, Centre for Human Settlements and School of Community and Regional Planning, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 7 p.m.

WEDNESDAY, OCT. 5

Pharmacology Seminar.
Can we Define an Ideal Antifibrillatory Drug? Drs. B.A. MacLeod and M.J.A. Walker, Pharmacology and Therapeutics, UBC. Room 317, Block C, Medical Sciences Building. 12 noon.

History Lecture.
The Military and the Breakdown of the German Empire 1917-18. Prof. Wilhelm Deist, Military Historical Research Centre, Freiberg. Sponsored by the Committee on Lectures. Room 102, Buchanan Building. 12:30 p.m.

Anatomy Seminar.
Muscle Spindles Capsule. Dr. W.K. Ovalle, Anatomy, UBC. Room 37, Anatomy Building. 12:30 p.m.

History Seminar.
New Directions in Research in the History of the German Military. Prof. Wilhelm Deist, Military Historical Research Centre, Freiburg. Sponsored by the Committee on Lectures. Penthouse, Buchanan Building. 3:30 p.m.

Statistics Workshop.
Linear Prediction of Time Series with Infinite Variance. Prof. Daren B.H. Cline, Statistics, Texas A & M University. Room 223, Angus Building. 3:30 p.m.

Economic Theory Workshop.
Bargaining and Competition. David Harbord, London School of Economics. Room 351, Brock Hall. 4 p.m.

Geophysics Seminar.
Current Avalanche Research Topics. Dr. David M. McClung, National Research Council, Vancouver and Adjunct Associate Professor, Geophysics and Astronomy, UBC. Room 260, Geophysics and Astronomy Building. 4 p.m.

Folk Dance Club.
Folk dances and steps from many countries taught at beginning and intermediate level. Open to students, faculty, staff and community. Yearly fee is $10 (students $5). No partner necessary. For further information call Marcia Snider at 738-1246. Upper Lounge, International House. 7:30 p.m.

THURSDAY, OCT. 6

Pharmaceutical Sciences Seminar.
Diabetes-Induced Changes in Rat Heart Function. Dr. J.H. McNeill, Pharmaceutical Sciences, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Condensed Matter Seminar.
Electronic Structure Spectroscopy of Alloys. Derek Fabian, University of Strathclyde. Room 318, Hennings Building. 2:30 p.m.

Mathematics Colloquium.
Falting's Proof of the Mordell Conjecture. Prof. Larry Roberts, UBC. Room 1100, Mathematics Annex Building. 3:45 p.m.

SUB Films.
Sophie's Choice. Continues until Sunday, Oct. 9. Thursday and Sunday shows at 7 p.m., Friday and Saturday at 7 and 9:30 p.m. Auditorium, Student Union Building. 7 p.m.

FRIDAY, OCT. 7

Medical Genetics Seminar.
Molecular Genetics of Blood Clotting Factors. Dr. R.T.A. MacGillivray. Parentcraft Room, Grace Hospital. 1 p.m.

Soccer.
UBC vs. Lethbridge Pronghorns. UBC Playing Fields. 2 p.m.

Finance Workshop.
Delegation and Portfolio Management. Prof. Sudipto Bhattacharya, Stanford University. Penthouse, Angus Building. 3:30 p.m.

SATURDAY, OCT. 8

Soccer.
UBC vs. Calgary Dinosaurs. UBC Playing Fields. 2 p.m.

A mask from the exhibit The Copper that Came from Heaven: Dance Dramas of the Kwakwawa'wakw, *currently on display at the Museum of Anthropology.*

Notices . . .

Museum of Anthropology
Exhibits: The Copper that Came from Heaven; Calendar Prints – Popular Art of South India; Blood from Stone – Making and Using Stone Tools in Prehistoric British Columbia.

Lecture: Sept. 21 – Stephen Inglis will speak on "Multiple Images: India Art and Society" at 12:30 p.m. in the Theatre Gallery of the museum. For details about museum activities, call 228-5087.

Faculty Club Display
Sidney Harris explores the Lighter Side of Science, an exhibit of cartoons from the New York Hall of Science. Display continues until Oct. 7 in the lower hall of the Faculty Club. Sponsored by the UBC Sigma Xi Club.

Ballet UBC Jazz
Ballet UBC Jazz offers a number of professionally taught ballet, jazz, dancercise, and tap classes to club members. Classes are taught at beginner, intermediate and advanced levels. Registration will be held on Sept. 22 and 23 in the SUB foyer during Club Days. For further information come to Room SUB 216E or call 228-6668.

Calendar Event Forms
New calendar forms have been printed and are available by calling 228-3131 or dropping by Information Services, Room 207, Old Administration Building.

Blood Donor Clinics
The following blood donor clinics will take place this fall on the UBC campus: Sept. 30 – Auditorium, Psychiatric Unit, Health Sciences Centre Hospital, 10 a.m. to 4 p.m.; Oct. 3 to 7 – Rooms 207, 209, 211, 213 and 215, Student Union Building, 10 a.m. to 4 p.m.; Oct. 26 Rooms 207 and 209, Student Union Building, 10 a.m. to 4 p.m.; Nov. 7 – Place Vanier Residence, 3 to 9 p.m.; Nov. 28 – Totem Park Residence, 3 to 9 p.m.

Exercise to Music
The Fitness Group will conduct exercise to music classes at different levels throughout the year. Sponsored by Recreation UBC. For information, call 738-4169.

Agricurl
Agricurl begins Tuesday, Oct. 11 from 5 to 7 p.m. Beginners and experienced curlers welcome. For more information, call J. Shelford at 228-6578, P. Welling at 228-3280 or A. Finlayson at 228-3480.

Faculty/Staff Badminton Club
The club meets in Gym B of the Thunderbird Winter Sports Centre on Tuesday evenings from 8:30 to 11:30 p.m. and Friday evenings from 7:30 to 10 p.m. New members welcome.

Second Class Mail
Registration Pending

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