SPECIAL COLLECTIONS

UBC REPORTS

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New programs approved by UBC Senate

New programs and curriculum revisions approved last week by UBC's Senate were recommended "with considerable enthusiasm" as innovations that should benefit students and the province in general.

Prof. Ronald Shearer, Senate curriculum committee chairman, said a new rangeland resources program in the Faculty of Agricultural Sciences and a diploma in translation to be offered in the German department were examples of programs that could have an impact on government and business.

He said the rangeland resources program was a response to growing student and government interest in range management. The German-in-translation program will train students for careers in government and business, he said.

Prof. Shearer said a similar diploma in translation in the French department was approved by Senate in December.

Senate also approved major and honors options in applied mathematics which will allow students to concentrate in the areas of applied analysis, statistics and operations research.

In its submission to Senate, the mathematics department said the new options reflect changes in employment opportunities for graduates and changes in student interests.

Other diploma programs approved by Senate were in film and television studies in the theatre department and in elementary English education in the Faculty of Education.

The English education program is designed to help elementary English teachers in curriculum construction and to improve their classroom teaching.

Prof. Shearer said it would be a useful innovation in the light of the cur-

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LORE HOFFMANN celebrates success with champagne. When she heard last week that her boss, Prof. R.R. Haering, the head of UBC's physics department, had been named a Companion of the Order of Canada, she brought a bottle of champagne to the office. Prof. Haering joins a select group honored for outstanding service to Canada. Picture by Jim Banham.

Funds to be sought for diagnostic test in 1977

Senate's plan for students to be given a diagnostic English examination before they graduate from high school arose too late for it to be funded for the coming fiscal year, senators were told last week.

However, Vice-President Michael Shaw assured Senate that funds for the program will be sought for the year beginning April 1, 1977.

The program was approved by Senate last Nov. 12. This was too late for it to be included in the University's 1976-77 budget submissions to the Universities Council, Vice-President Shaw said; these submissions are compiled during the summer.

Senate wants an essay test to be given to B.C. high-school students who hope to enter UBC, but who have been identified by their teachers as being weak in English.

The Senate Committee on Standards in English, which proposed the test, stressed that its aim was not to bar students from UBC but to identify, before they reach the campus, those who would need remedial English classes.

Cost of the program for the first year was estimated at $25,000.

Prof. Cyril Belshaw (Anthropology and Sociology) said at Wednesday's Senate meeting that it was "being spoken about (that) one of the possible reasons" for delay in implementing the program was that it might cost the University more than merely the amount involved in administering the test.

He suggested that the diagnostic test might deter some students from enrolling at UBC and that this might have "financial consequences" — presumably that the University might lose some potential revenue from these students' fees and the government's contributions on their behalf.

On the other hand, he said, if the students were allowed to enrol at UBC and "if they are failed ... at an appropriate time, the funding and the fees that are attributable to them may be retained by the University."

President Kenny said this

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UBC admission policy clarified

A clarification of UBC's policy on admission of B.C. high-school graduates to the University was presented to Senate last week.

The policy calls for all applicants with an overall secondary-school average of C or better to be admitted.

For those with overall standings in the range between C and C+, the policy calls for their standing in academic subjects to be examined. Those with an academic average of C+ or better would be admitted; those with lower standings would be rejected.

The policy was presented to Senate by Prof. Cy Finnegan, chairman of the Senate Admissions Committee. The committee has recommended that the registrar implement the new procedure next September.

Prof. John Dennison (Education) said he was concerned about the reaction of the schools to "this sudden change."

Both Prof. Finnegan and President Douglas Kenny insisted the policy statement did not represent a sudden change.

Prof. Finnegan said the present calendar statement on admissions policy says that students in the C-to-C+ range "will be considered for admission in order of their academic importance." This policy would now be enforced, he said.

Registrar Jack Parnall said the Senate Admissions Committee had been concerned about a decline last year in the number of freshmen who passed their year with clear standing and an increase in the number of failures.

"Obviously, then, we were bringing students in who were too weak," Mr. Parnall said. "We did, last September, look at (records of) students in the C-to-C+ range and many students with C were not admitted ... so we expect to have a slightly stronger crop this year....

"We're being more strict within the C-to-C+ range, but there's no basic change in requirements," he said.

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rent debate concerning literacy in the schools.

Senate also approved major revisions in the third- and fourth-year programs in metallurgical engineering as a result of a two-year re-examination of Metallurgy's entire program.

It also approved 32 new English courses at the 200, 300 and 400 levels and changes in the description and unit value of many others, as well as the deletion of 12 courses from the English department curriculum.

Prof. Shearer said there were few financial implications involved in the innovations and he could see no reason why most of the programs could not be offered in the coming year.

The changes must still be approved by UBC's Board of Governors.

President Kenny said earlier during the Senate meeting that all new programs and degrees must be approved by Senate and be included in the budget estimates before the Universities Council will consider them.

He said he had asked the Senate budget committee, which advises him on the preparation of estimates, to maintain a watching brief on all submissions coming before Senate "so that they can give me advice on priorities."

TEST

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possibility had never intruded into discussions on implementing the test: "It has not been a consideration at all."

President Kenny said the $25,000 estimated for the test was a sizeable sum that might not be easy to find with the University perhaps entering a "steady state" in its finances.

New calendar statement

A revised calendar statement on admission to the Faculty of Medicine, including a new section on the selection of candidates, was circulated for the information of Senate last Wednesday night.

Dr. William Webber, associate dean of Medicine, said the calendar statement hadn't been revised for a number of years.

"In some sections of the statement there was inadequate information, and we felt it was difficult for students to find specific items," he said.

The new statement reiterates that only 80 candidates can be admitted each year and that there shall be no discrimination with respect to sex, race, religion, marital status or economic status. Well-qualified B.C. residents, however, are given preference over out-of-province candidates.

Dr. Webber said there were 873 candidates last year, including 415 from British Columbia.

The new statement lists seven prerequisite courses, or equivalents, and says the minimum academic standing for admission to the Faculty of Medicine is an overall average of 70 per cent in all university-level courses, up from the 65-per-cent minimum listed in previous calendars.

"Achievement of this minimum academic requirement, however, provides no assurance of admission," the statement emphasizes.

The calendar statement also lists five criteria to be used by the faculty's admissions committee:

– Total academic record since secondary-school graduation;

– Scores on the Medical College Admission Test;

– Evaluation by at least three referees selected by the candidate;

– Evaluation, by individual members of the admissions committee, of non-academic autobiographical material supplied by the candidate;

– Evaluations assigned on the basis of interviews by members of the admissions committee.

DR. WILLIAM WEBBER

The statement says non-academic qualities such as motivation, integrity, emotional stability, social concern, reliability, concern for human welfare, maturity and a number of others will be paid special attention.

It also states that qualified candidates who are not admitted may reapply in a subsequent year without prejudice, with the qualification that "candidates who have already applied unsuccessfully on three previous occasions are not normally accepted."

SPORTS MENU

WRESTLING — A big week for grunt-and-groan buffs. Coach Bob Laycoe's team will meet Pacific Lutheran University on Friday, and next Wednesday (Feb. 4) Washington State University will be here. Both meets in the War Memorial Gymnasium at 2 p.m.

ICE HOCKEY — The UBC Thunderbirds will be in action against the University of Calgary Friday and Saturday at 8 p.m. On Sunday the Jaywees meet Selkirk at 3:15 p.m. All games in the Thunderbird Winter Sports Centre.

Help sought

UBC's Open House committee needs you.

Organizers have appealed to students to get involved in helping with the triennial event, which will be held on Friday and Saturday, March 5 and 6.

All faculties, schools and departments have been asked to provide an outline of their Open House plans to the committee this week. Hundreds of letters are about to go out to B.C. secondary schools inviting prospective university students to attend.

Open House hours on March 5 will be 12:30 to 9:00 p.m. Most afternoon lectures and labs will be cancelled to free students involved in the event and to free space for setting up displays.

Open House hours on March 6 will be 10 a.m. to 9 p.m.

Students who want to help with the overall organization of Open House are asked to register in Room 125 of the Student Union Building. The committee's telephone number is 228-6723.

Rec UBC in action

Recreation UBC activities have started again. The faculty and staff exercise class for men and women meets weekdays at 12:30 p.m. in Unit II, Physical Education Centre. Ladies' keep-fit class meets at the same time in Unit I.

Through Recreation UBC, instruction is offered in many activities, from golf and tennis to yoga and karate. For information call at Room 203, War Memorial Gymnasium, or phone 228-3996.

exploring the gambling scene

During the summer of '68, one UBC psychologist spent a lot of his time at the race track. But he wasn't watching the races. He was talking with betters before and after they'd placed their bets and studying the behavior of gamblers in groups.

"I'm really not into gambling," says Robert Knox, an associate professor in the psychology department. "But gamblers just revealed a lot of very spooky things about their behavior." Dr. Knox was testing two socio-psychological theories, cognitive dissonance and shift-to-risk, in real-life situations. What had been the pattern in the laboratory didn't seem to be the pattern at Exhibition Park.

DR. ROBERT KNOX

The shift-to-risk theory, for example, says that people in groups take larger risks than they would as individuals. Yet in Dr. Knox's test group at the race track, the group decision was always much more cautious than the individual decisions.

It wasn't until he gave a paper in Nevada last summer related to gambling, though, that he really became interested in gambling as a phenomenon. "Gambling has been around since primitive times, through the rolling of bones. Horseracing, lotteries, the stock-market, our whole insurance system is based on gambling. I find this really a rich area of study."

Dr. Knox is offering a course on gambling through the Centre for Continuing Education beginning Monday, Feb. 2. It won't really give inside secrets on how to break the bank at Reno, but it will provide the opportunity to discuss why we think we can.

His guests will include a former casino pit boss now running tours between Vancouver and Reno, a Nevada dealer school graduate and anthropologist, a member of Gamblers Anonymous, a self-help group for uncontrollable gambling, and a member of the B.C. Jockey Club who will explain pari-mutuels and handicapping.

"We aren't trying to promote gambling; we aren't trying to communicate that it's necessarily evil," says Dr. Knox. The course will simply explore various aspects of the gambling scene — from explaining the odds, the games, and how to place bets, through what makes a compulsive gambler and why gambling has always been part of our society.

Gambling isn't always a bad thing, Dr. Knox feels. "For elderly people, it can provide hope, excitement and a chance to make real-life decisions which they don't normally get a chance to make."

But Robert Knox is mostly concerned about why those socio-psychological theories don't hold for the gambler. He intends to continue research in the field. "There's not a large body of literature on gambling. But all these things are very curious phenomena and to a psychologist it's almost irresistible."

For information about the "Perspectives on Gambling" course and other non-credit UBC programs, call the Centre for Continuing Education, 228-2181.

CAMPUS PEOPLE

Prof. Cyril Belshaw, of the Department of Anthropology and Sociology, was elected a vice-president of the International Social Science Council at meetings in Paris in December.

The ISSC is a federation of international associations in the social sciences, including the International Political Science Association, which is headed by **Prof. Jean Laponce,** of UBC's political science department, and the World Federation of Mental Health, which is headed by **Dr. Tsung-Yi Lin,** of the UBC psychiatry department.

Prof. Belshaw recently convened the first meeting of the ISSC Committee of World Social Science Development in Rio de Janeiro. Three major projects for international co-operation directed toward the resolution of problems of poverty in the Third World were developed by the committee.

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Prof. W.H. McCrea, currently a visiting professor in UBC's Department of Geophysics and Astronomy, has been awarded the gold medal of the Royal Astronomical Society of London for his pioneering contributions to several branches of theoretical astrophysics, including stellar atmospheres, cosmogony, star formation and the physics of the interstellar medium.

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N.G. Eley, associate professor of mechanical engineering, was the recipient of the Appreciation Award of the American Society of Metals in recognition of his years of contributions to his chapter and the society.

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Dean John Andrews, of UBC's Faculty of Education, was elected recently to a two-year term on the board of the Canadian Bureau for International Education. Dean Andrews is also currently serving as chairman of the Joint Board on Teacher Education for B.C.

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Dean David Bates, of the Faculty of Medicine, will head a Science Council of Canada study on the effects of five man-made hazards on industrial workers and the general public.

A council committee will examine hazards from lead, asbestos, radiation, organic chemicals and oxides of nitrogen, or gas fumes.

Roy Kiyooka, associate professor of fine arts at UBC, is one of 28 prominent Canadian artists who have been awarded Senior Arts Grants by the Canada Council. The awards, worth a maximum of $15,000, are made to professional artists who have made a significant contribution to their field over a number of years.

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Dr. William L. Tetlow, director of UBC's Office of Institutional Analysis and Planning, has been elected secretary of the Association for Institutional Research, an 1,100-member organization representing more than six hundred colleges, universities and governmental organizations in 19 countries. He will serve on AIR's executive committee until 1978.

Dr. Tetlow

Prof. Suzuki

Prof. David Suzuki, of the UBC zoology department, has been appointed to the White Owl Conservation Awards committee. The White Owl Awards are given to individuals and groups actively involved in conservation projects.

Prof. Suzuki is a participant in an eight-day Science and Life Festival at the University of Ottawa. He will speak on "Genetics and Human Destiny."

Prof. Suzuki has also been involved in the production of a series of videotaped programs with the general title "Interface: Science and Society" for the provincial Educational Media Centre. Each program consists of a brief documentary describing the work of a scientist, followed by a 20-minute conversation between Prof. Suzuki and the guest. The series will be shown on the public media in February and tapes made available to any group in the province.

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Prof. B. Paul Wisnicki, of the School of Architecture, was the winner of a $1,000 prize for a paper entitled "Buildings and Energy: Problems and Perspectives," delivered at the third international conference of the Design Methods Group in Berkeley, Calif.

Dr. John H. Andrews, a post-doctoral fellow in UBC's Department of Botany, has won a $900 research award from Sigma Xi, a North American scientific research society with a membership of 110,000 scientists. Dr. Andrews, who holds degrees from McGill University and the University of California, is doing advanced research on the ecology of marine algae.

UBC currently has "club" status in Sigma Xi, which is not to be confused with Sigma Chi, the student social fraternity. UBC will be eligible for full chapter status in Sigma Xi in the future.

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Dr. George Gorelik, of the Faculty of Commerce and Business Administration, has been elected president of the Certified General Accountants' Association of B.C.

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Dr. Carl Chiko of Education, has been appointed to the B.C. Career Education Resources Committee commissioned by the minister of education.

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Dr. Alan McCormack, of the Faculty of Education, winner of a number of international awards for innovations in the teaching of science, will be a contributing author to the Human Science Project, a curriculum-development effort of the Biological Sciences Curriculum Study.

Versatile Press has recently published Dr. McCormack's book *Through the Oval Window — A Practical Guide to Creative Teaching,* and he was recently the recipient of a grant from the Leon and Thea Korner Foundation in support of his "Project Challenge — Implementing Creative Thinking Experiences for Children."

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Dr. Allen E. Clingman, professor of music education, was recently elected chairman of the B.C. committee of the Canadian Music Centre.

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Mr. Sol Kort, director of humanities and sciences programs for UBC's Centre for Continuing Education, has been awarded a $5,600 travel-study grant by the Canada Council.

The grant will enable Mr. Kort to visit new learning centres in the United States, Scotland, India, Switzerland and Denmark in the period October, 1975, to April, 1976, to establish contacts for future centre programming as part of the series entitled "Explorations in the Human Potential."

Prof. William C. Gibson, head of the Department of the History of Medicine and Science, recently ended 20 years of service to the Muscular Dystrophy Association.

For the past two years Dr. Gibson has served as chairman of the MDA's scientific advisory committee. The main business of the committee when it met recently at UBC was the allocation of $19,000,000 raised by the annual Jerry Lewis Telethon, held in Las Vegas on Labor Day, 1975.

The MDA's board of directors has honored Dr. Gibson through the establishment of an annual research fellowship tenable in the United Kingdom for research in neuromuscular problems.

Dr. Gibson

Prof. Scott

Prof. Tony Scott, of UBC's Department of Economics, was one of 17 prominent Canadian economists and academics who recently signed a petition calling on the government for radical reforms to defeat inflation, including measures to curb the power of big business, labor and government.

The petition calls for stringent reductions in spending and borrowing by federal and provincial governments over the next few years.

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Dr. Stanley E. Perkins, chairman of the Department of Special Education in the UBC education faculty, was the recipient of a $1,500 grant from the federal Department of External Affairs which enabled him to visit eight New Zealand universities in 1975.

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Dr. Denis Milburn, chairman of the social studies department of the Faculty of Education, has been asked by the United Nations Development Program to evaluate a UN curriculum development scheme in Malaysia in February.

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Mr. Michael Foster, of the Faculty of Education, has begun the fourth consecutive year of writing and narrating scripts for the Canadian Broadcasting Corporation's monthly radio program for schools called "Pictures in the Air."

UBC official confident about summer programs

The UBC official responsible for administering the summer-job program "Professions for Tomorrow" says he is personally confident that the program will go ahead again in 1976.

Dr. Richard Spratley, UBC's research administrator, said that while the Social Credit government has temporarily suspended planning for the summer of 1976, there is every reason to hope that funds will be made available for both the Professions for Tomorrow (PFT) and Work in Government (WIG) programs.

Both PFT and WIG were included in the broad "Careers '75" program operated by the provincial Department of Labour.

Last year, about one thousand UBC students were paid more than $1.2 million under the PFT program for summer projects related to their career goals. Among other things, UBC students aided several Indian bands in the management of their financial affairs, provided free legal aid in Vancouver and other B.C. centres, and mounted a food-information service in the Faculty of Agricultural Sciences.

Employment in the PFT program is limited to students who have completed at least three years of university.

Applications for the WIG program are handled through the UBC Office of Student Services, which has been instructed to stop issuing application forms until the provincial-government review is completed.

However, any student who has obtained a WIG application form should fill it out and return it to Student Services, UBC placement officer Cam Craik said.

He added that recruiting is continuing for other provincial government summer-job programs outside the PFT and WIG schemes.

Bus operating

The campus shuttlebus service between the Bookstore and Parking Lot B has resumed full operation with the start of the new term.

The free service operates from 7:30 to 9:30 a.m. Monday through Friday, and from 3:30 to 11:40 p.m. Monday through Thursday. On Fridays, when the UBC Library closes early, the service operates from 3:30 to 6:30 p.m.

Afternoon service from 3:30 to 6:00 p.m. Monday through Thursday will be provided by a former B.C. Hydro bus. Service from 6:00 to 11:40 p.m. will be provided by a 10-seat Physical Plant van driven by a UBC patrolman.

The shuttlebus does not operate on Saturdays, Sundays and statutory holidays.

Free course offered

The University Women's Club is sponsoring a free course for women who want to increase their confidence and improve their ability to take part in community affairs.

The course, which will deal with correct procedures for conducting or participating in meetings, will be given by Charlotte Hess of the American Institute of Parliamentarians. It will be held on four consecutive Wednesdays beginning Feb. 4 at 7:30 p.m. at Hycroft, 1489 McRae Ave. For more information, call 731-4661.

Club honors three

Three famous names in UBC history will be honored at a black tie dinner sponsored by the Men's Canadian Club of Vancouver at 7 p.m. in the Hotel Vancouver on Feb. 5.

The affair will honor former UBC presidents Norman MacKenzie and Walter Gage and Dean Emeritus Gordon Shrum.

The UBC Alumni Association — 228-3313 — will take your ticket reservations.

THE MUSIC BOX

FRIDAY, JAN. 30

8:00 p.m. **FACULTY RECITAL.** John Loban, violin; Frances Adaskin, piano; with special guest Jack Mendelssohn, cello, play **Music of Ravel, Debussy, Stravinsky, Sarasate and Szymanowski.**

WEDNESDAY, FEB. 4

12:30 p.m. **ELIZABETHAN TRIO.** Laurette Goldberg, harpsichord; Judith Nelson, soprano; and Rella Lossy, speaker, in co-operation with the CBC, perform **A Program of Elizabethan Music and Poetry.**

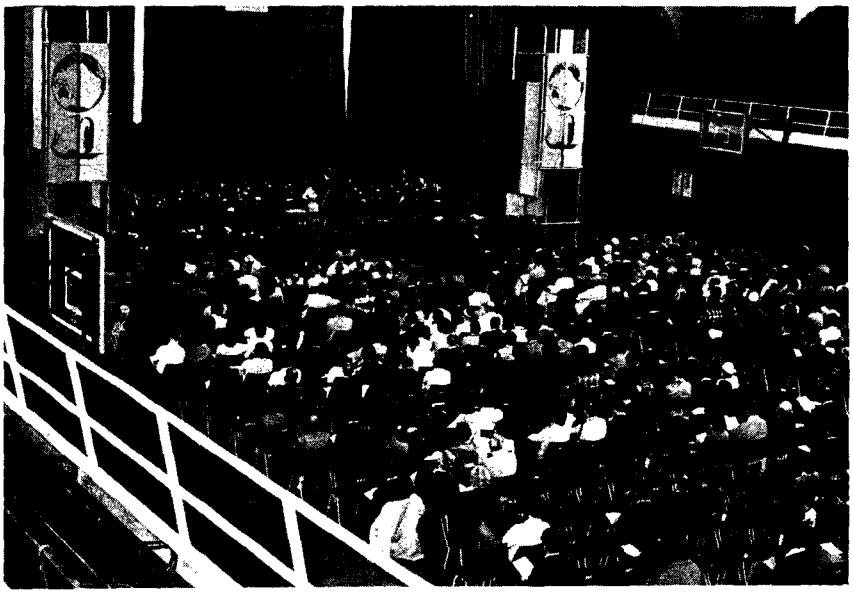
THURSDAY, FEB. 5

12:30 p.m. **FACULTY RECITAL.** Hans-Karl Piltz, viola; Robert Rogers, piano; and Milan Hurt, string bass, play **Music of Brahms and Wilson.**

8:00 p.m. **GRADUATION RECITAL.** Althea Holdcroft, flute, plays **Music of J.S. Bach, H. Somers, W. McCauley, H. Villa-Lobos and J. Rivier.**

All performances held in Recital Hall, Music Building.

UBC popular as site for conventions



With a top room price of $10.50 a day, free parking, inexpensive meals, a swimming pool, golf course, and a quiet atmosphere for business sessions, it's easy to see why the campus is becoming increasingly popular as a convention site.

Totem Park Convention Centre, with more than 3,000 rooms in the Gage, Totem and Vanier residences, is Vancouver's largest convention centre, and manager Mike Bowes says the objective is to have every residence filled to capacity from May through August.

The centre, entering its sixth year of operation, operates with a permanent staff of seven and provides summer jobs for 150 students. All profits go toward subsidizing the cost of room and board for students living in residence during the academic year.

Groups using UBC's convention facilities are provincial, national and international, ranging from academic societies to hockey schools, and they involve anywhere from a handful of guests to as many as 3,000.

Busiest period this year will be late May and early June, when the UN Habitat conference is held in Vancouver. As many as 2,800 rooms will be taken on various days, including 1,000 by the Environmental Design Research Association from May 24 to 28.

In late June, 2,000 women will take over most of the Gage and Totem accommodation for the RCAF Ex-Servicewomen's Reunion, and from late July to mid-August the campus will be "home" for upwards of 2,500 young Japanese in the 10 – 14 age bracket who will be here on conducted tours.

The Japanese are annual visitors, as are such divergent groups as the Girl Guides, B.C. Safety Council and the Science Fiction Association. Finding others to fill all those beds for the four months is the job of sales representatives Linda Abercrombie and Sheilah Bain, and the bookings are co-ordinated by accommodations manager Antony Parras.

Occupancy charts are updated almost daily as new groups confirm bookings and dates – not just for 1976 but far into the future. So far ahead, in fact, that the centre already has a confirmed booking for 1,500 rooms in June, 1984.

miscellany

With spring hard upon us, elections for the UBC Alumni Association's 1976-77 Board of Management will soon be in progress and the call is out for nominations.

The Board of Management, which governs the affairs of the association, is composed of elected members and appointed representatives of groups such as the Alma Mater Society, the Faculty Association and men's and women's athletics.

Positions open include the offices of president, vice-president and treasurer (one-year terms) and 10 members-at-large (two-year terms).

For further information call the Alumni office, 228-3313.

No application, no degree in 1976.

That's the word this week from the registrar's office, which reminds graduating students that they must make application for academic degrees they expect to receive at Spring Congregation in May.

Students expecting to graduate are asked to submit two "Application for Graduation" cards to Mrs. Rosina Kent, in the registrar's office, as soon as possible. This includes students registered in a year not normally considered to be a graduating year, but who expect to complete a degree program this spring.

Application cards are used to compile the lists of candidates for graduation to be presented to faculties and Senate for approval.

The Red Cross hopes to collect more than 4,000 pints of blood during its two-week blood donor clinic on the UBC campus.

The clinic, which opened Monday and continues until Feb. 6, will operate in Rooms 207, 209 and 211 of the Student Union Building. A second clinic will operate in the lounge of the Education building Feb. 2 – 6. Hours are 9:30 a.m. to 4:30 p.m.

Self-help housing, the brainchild of a group of UBC graduates, is not dead. It's flourishing under the aegis of the UBC Centre for Continuing Education.

Architecture graduate Charles Haynes and community planning graduate Bruce Fairbairn will teach two courses on self-help housing under the sponsorship of the centre from Feb. 3 to 24 and from March 2 to 30 at Vancouver Historical Insights, 18 Water St., Gastown.

Self-help housing, a concept developed by Mr. Haynes, Mr. Fairbairn and Robbie Smith, an engineering graduate, is a system using existing manufactured components which enables people to build their own cheap, flexible, ecologically sensitive housing.

Details of the courses are available from the UBC Centre for Continuing Education, 228-2181.

UBC REPORTS

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Bright future seen for medicine

Dr. John H. Dirks, new head of UBC's Department of Medicine, sees a bright future for the department.

Dr. Dirks, who assumes full-time duties April 1, outlined his objectives in an interview during a recent visit to the campus.

He said the Department of Medicine has the potential to be among the best in Canada, even to be a world leader. But right now, he said, the department lacks money, staff and space.

Dr. Dirks, 42, said there should be a minimum of 50 full-time physicians within the department (there are only 20 now) but first there would have to be adequate facilities and space.

"I cannot stress enough how critical space is," he said. "The UBC clinical departments now have the lowest academic space in the country."

DR. JOHN DIRKS

Dr. David Bates, dean of the Faculty of Medicine, said he feels the government will give high priority to the need for teaching and research space for the UBC medical school at Vancouver General Hospital.

Dean Bates said a VGH plan to recondition a former residence for doctors at 12th Avenue and Heather Street would provide 55,000 square feet of space, and more should become available in the Health Centre for Children and the Willow Pavilion with the completion of a new child- and maternal-care hospital.

Dr. Dirks said there is no question that the Department of Medicine can attract top people once the problem of space and facilities is overcome.

He said there was a big job ahead for his department in research, "on the low side now by Canadian standards."

(In 1974-75, grants to the UBC Department of Medicine from the federal Medical Research Council totalled only $58,870. University of Toronto's Department of Medicine received $946,582, the McGill Department of Medicine $889,060. Total MRC grants to UBC were only $1,863,529. Toronto got $5,728,922, McGill $5,122,593.)

Despite the current state of Canada's economy, he feels the public at large is sympathetic to the need for medical research. "The climate is good," he said. Dr. Dirks said the sum spent on medical research in Canada amounts to only about 1.6 per cent of total health costs.

Dr. Dirks, a graduate of the University of Manitoba, is a professor of medicine and of physiology at McGill and a Senior Physician and director of a kidney research unit at Royal Victoria Hospital in Montreal.

He became secretary-treasurer of the Canadian Society for Clinical Investigation in 1972, and in November was elected president of the society for 1976.

Dr. Dirks is married to a physician, and they have four children aged 5, 7, 10 and 11. His family will join him in Vancouver at the end of the school year.

Research to be affected

University research efforts may be severely curtailed by the recently announced freeze on federal research grants, says UBC Research Administrator R.D. Spratley.

The freeze was announced last month by Prime Minister Trudeau as part of the government's anti-inflation program.

"Over the past several years, grants have not come close to keeping pace with inflation," Dr. Spratley told *UBC Reports*. "In addition, an increasing fraction of research spending is going towards salaries and other personnel support, with less and less money being available for the purchase of supplies and equipment.

"As laboratories equipped during the expansive '60s gradually become burdened with obsolete and worn-out equipment, this problem may become very serious indeed."

Dr. Spratley pointed out that a research grant to a UBC faculty member doesn't go to that member personally, but is used for the purchase of equipment, outfitting of labs, etc., and the hiring of necessary research support staff. The faculty member continues to receive only his or her regular salary.

"On the applied research side, support from mission-oriented federal agencies may virtually disappear as funds formerly used for the support of university research are channelled into internal programs within government departments," Dr. Spratley said.

"This will increase the difficulties in producing needed research and trained personnel in practical areas of great national importance — fisheries, resource management, agriculture, forestry, etc."

Dr. Spratley emphasized, however, that full details of the federal government's freeze on research funds have not been released.

"I would hope, at least, that any freeze will allow for inflation," he said.

According to a federal government publication just released, federal research grants to all Canadian universities for the fiscal year 1974-75 totalled $113,468,174, of which UBC received $9,459,882.

Here are totals for some other Canadian universities:

Toronto $15,336,597, McGill $10,077,538, Alberta $7,400,967, Montreal $6,971,512, McMaster $6,214,514, Manitoba $6,171,274, Laval $4,750,300, Saskatchewan $4,435,963, Waterloo $4,187,930, Western Ontario $4,088,256, Ottawa $3,020,882, Simon Fraser $1,024,673, Victoria $565,018.

Within UBC, the Department of Chemistry and the Department of Physics received the most, $1,016,690 going to Chemistry and $827,015 to Physics, excluding grants to the TRIUMF project. Zoology was third at $521,418.

Here are the totals for other UBC departments receiving more than $200,000:

Botany $352,695, Psychology $296,173, Metallurgy $290,912, Physiology $257,717, Psychiatry $251,649, Electrical Engineering $245,920, Geophysics $242,959, Mechanical Engineering $237,700, Civil Engineering $229,005, Microbiology $216,430, Mathematics $203,061.

THIS WEEK AND NEXT

THURSDAY, JAN. 29

9:00 a.m. **PSYCHIATRY DEPARTMENTAL CONFERENCE.** Dr. M. Dongier, psychiatry department head, McGill University, Montreal, speaks on **Event-Related Slow Potentials in Psychiatry.** Lecture theatre, Health Sciences Centre Hospital.

12:30 p.m. **CLASSICS LECTURE.** James Heath, associate professor of classics, Bucknell University, Pennsylvania, on **New Light on Archilochus, M.L. West's Edition, Lexicographic Sources, The Cologne Papyrus.** Room 3201, Buchanan Building.

1:30 p.m. **WESBROOK MEMORIAL LECTURE.** Dr. Hector F. DeLuca, chairman, biochemistry department, University of Wisconsin, Madison, Wis., on **Vitamin D and Its Metabolites: A New Chapter in Endocrinology.** Lecture Hall 2, Woodward Instructional Resources Centre.

2:30 p.m. **MINERAL ENGINEERING GRADUATE SEMINAR.** J. Wright discusses **The Planning Price of Copper.** Room 203, Mineral Engineering Building.

3:45 p.m. **APPLIED MATH AND STATISTICS COLLOQUIUM.** Prof. Roderick Wong, mathematics department, University of Manitoba, on **Generalized Asymptotic Expansions.** Room 1100, Mathematics Building Annex.

4:00 p.m. **PHYSICS COLLOQUIUM.** M.H.L. Pryce, of UBC's physics department, discusses **Magnetism and Color.** Room 201, Hennings Building.

7:30 p.m. **SOCIAL WORK COLLOQUIUM.** Jack MacDonald, of UBC's social work school, talks on **New Perspectives on Juvenile Delinquency and the Law.** Lecture Hall A, School of Social Work.

WOMEN IN ART, presented by Theese Turner through UBC's Women's Office, is a three-part lecture series. The first lecture is **Ancient Images Based on Power Units.** Room 230, SUB. $5 for series or $2 each lecture.

8:00 p.m. **GEOLOGICAL SCIENCES LECTURE.** Dr. Wilbert R. Danner, assistant dean of Science, on **A Geologist Visits the USSR.** Room 100, Geography Building.

WESTWATER PUBLIC LECTURE. Ken Hall, associate director, Westwater Research Centre, on **The Quality of Water in the Lower Fraser and Sources of Pollution.** MacMillan Planetarium, 1100 Chestnut Street.

10:00 p.m. **UBC PUBLIC AFFAIRS.** Dr. John Collins, of UBC's institutional analysis and research department; and Prof. Bill Nicholls, Social Work, UBC, discuss **Human Settlements: A Problem of People.** Host: Mr. Gerald Savory, Centre for Continuing Education, UBC. Channel 10, Vancouver Cablevision.

FRIDAY, JAN. 30

12:30 p.m. **AMS SPEAKERS COMMITTEE.** A representative of the Zimbabwe African National Union will speak in the Ballroom, Student Union Building.

HISTORY LECTURE. Prof. J.M.S. Careless, University of Toronto, former president, Canadian Historical Association, on **Victorian Toronto and How It Got That Way.** Room 102, Buchanan Building.

3:00 p.m. **HISTORY LECTURE.** Prof. S.F. Wise, Carleton University, Ottawa, former chief historian, Department of National Defence, discusses **The Official Historian and His Dilemmas.** Penthouse, Buchanan Building.

SATURDAY, JAN. 31

8:15 p.m. **THE VANCOUVER INSTITUTE.** Prof. Vladimir Krajina, of UBC's botany department, speaks on **Ecological Reserves in British Columbia.** Lecture Hall 2, Woodward Instructional Resources Centre.

MONDAY, FEB. 2

3:30 p.m. **MECHANICAL ENGINEERING SEMINAR.** Wayne Edwards, UBC Mechanical Engineering graduate student, talks on **Drying of Wood Particles in Furnace Atmosphere.** Room A106, Mechanical Engineering Annex.

4:30 p.m. **CANCER CONTROL AGENCY OF B.C. SEMINAR.** Dr. J.P. Kutney, of UBC's chemistry department, on **Vinca Alkaloids – Chemistry and Therapeutic Implications.** Conference room, second floor, 2656 Heather St.

8:30 p.m. **ARCHAEOLOGICAL SOCIETY MEETING.** Lloyd Cotsen, advisor, Institute of Archaeology, University of California at Los Angeles, talks on **Understanding Ancient Architecture Through Contemporary Rural Architecture.** Room 102, Lasserre Building.

TUESDAY, FEB. 3

12:30 p.m. **PHARMACEUTICAL SCIENCES LECTURE.** Mrs. Judy Martinez, Pharmacology graduate student, on **Arene Oxides: Toxic Metabolites? I.** Lecture Hall 3, Woodward Instructional Resources Centre.

1:30 p.m. **ELECTRICAL ENGINEERING SEMINAR.** Dr. H. Dirilten, Electrical Engineering, UBC, on **Optimization of Computer Communication Networks: State of the Art and Recent Developments.** Room 214, MacLeod Building.

3:30 p.m. **OCEANOGRAPHY SEMINAR.** David Stone, oceanography institute, UBC, on **Knight Inlet, B.C.: A Hydrographic Trap for Nutrients, Plankton and Particulates.** Room 1465, west wing, Biological Sciences Building.

8:00 p.m. **FACULTY WOMEN'S CLUB MEETING.** Dr. Neville Scarfe, dean emeritus of Education, gives an illustrated talk on **China and the New Morality.** Room 100, Scarfe Building.

WEDNESDAY, FEB. 4

12:35 p.m. **FREE FILM SERIES** presented by the dean of women's office, features **The Ascent of Man, Part II: Knowledge or Certainty.** Auditorium, Student Union Building.

3:30 p.m. **STATISTICS WORKSHOP.** Dr. J. Claxton, of UBC's commerce and business administration faculty, will speak in Room 321, Angus Building.

4:00 p.m. **HISTORY COLLOQUIUM.** Prof. John Norris, History, UBC, on **East or West? The Geographical Origin of the Black Death.** Penthouse, Buchanan Building.

GENERAL AND APPLIED SYSTEMS WORKSHOP. Richard Rosenberg, Computer Science, UBC, on **Computational Model for Natural Languages.** Penthouse, Angus Building.

GEOPHYSICS AND ASTRONOMY SEMINAR. Dr. W.G. Milne, Victoria Geophysical Observatory, on **Earthquake Prediction in the People's Republic of China.** Room 260, Geophysics Building.

8:00 p.m. **CONTINUING EDUCATION LECTURE.** Dr. Gary Schwartz, Harvard University, and visiting professor in UBC's psychology department, discusses **Biofeedback and Meditation: The Meeting of Science and Mind.** Lecture Hall 2, Woodward Instructional Resources Centre. Admission $3; students $2. Call 228-2181, local 261.

DUPLICATE BRIDGE TOURNAMENT for faculty, staff and graduate students. $1.25 a person includes refreshments. Ballroom, Faculty Club. For information, call 228-4865.

THURSDAY, FEB. 5

12:30 p.m. **LOCAL TALENT READING SERIES,** sponsored by the Library, features UBC English department student Carolyn Borsman reading from her works. Orientation room, lower level, Sedgewick Library.

4:00 p.m. **PHYSICS COLLOQUIUM.** J.P. Wolfe, University of California at Berkeley, on **Electron Hole Liquid in Pure Germanium: A Novel Plasma.** Room 201, Hennings Building.

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