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UBC reports

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Peter Menyaz photo

Getting a much-needed lift from the UBC Extended Care Unit's new bus is third floor patient Daisy Brigden, accompanied by daughter Iris Merrison, rear left, and Frank Brien, president of Royal Canadian Legion Branch 142. Seated at front are Kathy Scalzo, left, director of rehabilitation, and therapist Kathy Mackay.

Extended Care bus lifts morale and wheelchairs

A wise man might say that happiness is simply a matter of how you raise your tailgate.

And for the residents of UBC's Extended Care Unit, a hydraulic tailgate on a brand new bus is a morale-boosting therapeutic aid.

Most of the money needed to purchase the \$13,000 van was raised by last September's Push for Wheels. About 80 patients from the Extended Care Unit, averaging 84 years of age, were wheeled a total of three miles to raise \$17,000 for the project. The money remaining after the purchase of the vehicle will be used to pay for gasoline and maintenance for the van, a 1979 Chevrolet van capable of carrying seven wheelchair passengers and a staff person in addition to the driver.

Until now, the Extended Care Unit's dependence on Easter Seal vehicles has been a major handicap in getting the patients out into the community. As it is located on provincial land, the unit has been a low priority for the Easter Seal vehicles, and reservations have been cancelled on numerous occasions.

"Part of the rehabilitation program is maintaining continuity with the past as well as stimulating new interests," said Kathy Scalzo, director of rehabilitation. "It is very much a part of the UBC Extended Care Unit's philosophy to keep our people active in the community."

The bus will be used for more than taking elderly people out for lunch and tea, said Scalzo. "We will be using it to attend civic events such as next

year's Sea Festival and social events such as the Granville Island market." Patients will also be transported to services in their local churches, and to lectures and plays throughout the city.

Many groups and individuals helped the Extended Care Unit realize their dream of having a bus of their own. Branch 142 of the Royal Canadian Legion donated \$2,000 toward the cost of insuring and maintaining the vehicle during its first year of operation. Other donors include the B.C. Teachers' Federation, the B.C. Teachers' Credit Union, the Kiwanis Club, church groups, and many members of the University community.

Student job placement up

The UBC Canada Employment Centre had placed 988 students in summer jobs to mid-July, an increase of 53 per cent over the 644 placements in the summer of 1978.

The centre, located in Brock Hall, placed 2,543 students in jobs from last September to the end of June — including fulltime, part-time and summer positions.

A report by the centre issued this week said there were 233 companies from across Canada recruiting at UBC during the 1978-79 University year.

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Take advantage of UBC in August

One of the many advantages of turning the UBC residences into a conference and meeting place during the summer months is the possibility of sitting in on many of the sessions that attract the conference delegates from distant cities.

With the UBC Conference Centre at close to 100 per cent occupancy during the month of August, there's plenty to choose from. Highlighted below are some of the major events with public sessions.

XLIII International Congress of Americanists:

General sessions, noon-hour panels and symposia are all open to interested listeners. This conference covers a wide range of disciplines, from anthropology and art through linguistics and political science, as they relate to North, Central and South America. The conference, sponsored this year by UBC and Simon Fraser University, will attract some 1,000 people, with sessions held from Monday, Aug. 13, to Friday, Aug. 17. Noon-hour panels, in the Angus Building, include a discussion of Multinationals in the Americas on Tuesday, Aug. 14, at 12:15 p.m., and on Wednesday, Aug. 15, and Thursday, Aug. 16, two presentations on the Andes, both at 12:15 p.m. All of the symposia, ranging from American Indian Rock Art, a discussion of Coca, and Urbanization to Indian Land and Political Life, are open to the public. A complete congress schedule is available for \$3 from the conference registration desk in the Gage Residence. Admission to any one day of sessions is \$7. Noon-hour panels will cost \$2. General information on any other aspect of the congress is available by telephoning 228-3571.

Latvian Studies Conference:

The first Latvian Studies conference will be a two-day affair at UBC next week, Aug. 9 and 10. Anyone interested in Latvian culture and studies is welcome to attend. Sessions have been organized in various fields of science and humanities, including cultural and historical perspectives, linguistics, including Latvian language, anthropology, genetics, medicine and science. Speakers from throughout Canada and the U.S. will be present.

Conference sessions are to be held next Thursday and Friday, Aug. 9 and 10, in rooms 221 and 325 of the Angus Building. Information and a detailed program available at the UBC Conference Centre registration desk, Gage Residence, both days.

Eighth International Conference on High Energy Physics and Nuclear Structure:

Not likely to be a big attraction for many members of the public, this conference, from Aug. 12 to 18, will look at recent discoveries in the fields of nuclear and particle physics. Although more aimed at people at the Ph.D. level in particle physics, there will be some displays dealing with conference papers and industrial displays set up in the foyer of the Woodward Instructional Resources Centre during conference time. The work done at TRIUMF, the nuclear facility situated on the south campus at UBC, will play a major role in the conference discussions. If you have the background and are interested in attending the conference itself, call Dr. Jack Sample at

228-4711, or Dr. David Measday at 228-5098.

1979 Women's International Field Hockey Tournament:

A spectator's meeting, this one. The World Championships will be held at UBC from Aug. 16 to 30, attracting 18 teams from around the world to compete for the championship and an Olympic berth in 1980. This will be the largest team sport World Championship for women ever held in North America.

B.C. athletes dominate the Canadian team, which has held training sessions at UBC since the beginning of January. Seven B.C. players were named to the squad, Ontario has placed four players on the team, two come from Quebec, and one each from Alberta and Manitoba.

Opening ceremonies take place Saturday, Aug. 18, at McGregor Field by the John Owen Pavilion at 12 noon. Canada will play the Netherlands at 1:30 p.m. that day to officially launch the tournament.

In all 63 games will be played, with regular games scheduled for Monday, Aug. 20, through Thursday, Aug. 23. Saturday, Aug. 25, the quarterfinals will be played at 10 a.m., noon, 2 p.m. and 4 p.m. Monday, Aug. 27, the semi-finals will be played at the same times. Wednesday, Aug. 29, is the final game for the overall championship, scheduled for 3 p.m. at the McGregor Field.

All games will be played at Thunderbird Park, near the John Owen Pavilion, and there is no charge for admission.

Specific information on games or teams is available by calling 228-3333.

11th National Wheelchair Games:

The wheelchair games, now an annual event, is organized by the Canadian Wheel Chair Sports Association. More than 350 athletes in wheelchairs will be competing in a variety of sporting events — swimming, track and field, archery, volleyball and many others.

The opening ceremony at 2 p.m. on Sunday, Aug. 19, in the War Memorial Gym on campus, will be followed at 3 p.m. by a volleyball contest. Monday, Aug. 20, features archery competitions all day on McInnes Field, directly behind the Student Union Building, and a table tennis bout at 7 p.m. in the War Memorial Gym. More archery continues on Tuesday, Aug. 21, with swimming competitions taking place at the Aquatic Centre from 5:30 to 8:30 p.m. Swimming continues on Wednesday from 8:30 a.m. to noon.

Thursday and Friday are the days set aside for track and field events, and the athletes will be heading out to Minoru Park in Richmond for that. Saturday, Aug. 25, features weight lifting, with the table tennis finals to be at 1 p.m. and the volleyball finals at 2:30 p.m., all in the War Memorial Gym.

Admission to all events is free and detailed programs will be available from Aug. 18 at the registration desk of the Gage Residence. Information or advance programs can be obtained by calling the Wheelchair Games office at 732-1422.

The UBC Conference Centre closes down business for the summer the last week of August, so that the residences can be prepared for winter session students.

EMPLOYMENT
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and they hired a total of 963 students. Of the 963, 30 per cent were from Applied Science, 20 per cent from Commerce and Business Administration, 17 per cent from Forestry, 7 per cent from Science (including Computer Science), 3 per cent from Economics, and 23 per cent from all other faculties.

Average salaries offered to graduates ranged from \$993 a month to \$1,362, with a mean starting salary of \$1,172. Forestry and Engineering grads led the group, with articling chartered accountancy students at the bottom. MBA grads were an exception, because of the varying types of business experience they had to offer employers. Some of the MBA grads were offered salaries considerably higher than other graduates.

More than 80 per cent of the students who took jobs under the recruiting program remained in British Columbia. Of 800 placements who reported on their location, 40 per cent were in Vancouver, 41 per cent elsewhere in B.C., 12 per cent in Alberta (most of them Engineering grads and undergrads hired by Alberta-based oil companies), 5 per cent in Ontario and 2 per cent in Quebec.

A special recruiting program was run for Education graduates at UBC this year, in which the students were pre-screened through applications to various school districts. A total of 132 grads found teaching positions, all of them outside the Lower Mainland.

The Canada Employment Centre at UBC opened in June of 1978. Acting Manager is Maureen Gilchrist.

Advisors' night set for part-time students

Being a part-time student is becoming a more and more acceptable way of getting a university education, and UBC's Extra-Sessional Studies department is preparing for that.

On August 29, they're planning to gather together people from all over the campus who can answer questions about how to get into UBC and what UBC has to offer. This so-called "advisors' night" will likely attract potential part-time students from community colleges, students who have, for one reason or another, dropped out of UBC in earlier years, people who would like a university education while still keeping a full-time job.

Figures released at last December's meeting of Senate show very clearly that the trend toward part-time study is increasing. About 3,700 students were enrolled on a part-time basis during the '73-'74 winter session; more than 6,000 (almost 24 per cent of the total winter session enrolment) were studying part-time during the day, evening or through correspondence courses last winter session.

The office of Extra-Sessional Studies is concerned mainly with those students who want to take courses during the evenings. Traditionally they have had fewer choices of courses to take than those studying during the day.

But in the past few years, that trend, too, is changing. Now evening courses are offered not only in Arts, Science and Education, but also in Commerce and Business Administration, Community and Regional Planning, Applied Science, Nursing, Rehabilitation Medicine, and several other program areas.

Summer projects at museum help native students, visually handicapped

In addition to the usual flood of summer tourists, the UBC Museum of Anthropology staff are keeping themselves busy with several special projects.

A program to familiarize native students with their cultural heritage and another program to prepare a special museum exhibit for visually handicapped visitors are currently in progress.

Madeline Bronsdon Rowan, a Museum of Anthropology curator whose special interests are ethnology and education, is supervising both of the programs, and she says that they have been very successful to date.

The Native Youth Leadership Training Program is the result of a collaboration between the Museum of Anthropology, the Centennial Museum, and the Native Indian Youth Advisory Committee, said Rowan. The program is designed to expose native high school students to the artifacts in the museum, to instruct them in the construction of traditional Indian tools and objects, and to build leadership skills by having the students teach others about Indian cultural heritage in tours they will conduct at the museum.

"They will talk about use of the cedar tree and the objects that were made from the cedar tree in the old days," said Rowan. (See UBC Calendar for times.) The students will all have first-hand experience in the creation of the objects and so will be well



Peter Menyvat photos

Examining a hand-carved, kerfed box is Sheila Hill, left, while Robert Tait, right, explains the finer points of its construction and Marina Peters, left rear, and Geraldine Robertson watch from a distance. A kerfed box is one that is made by softening and bending a single wooden plank.

qualified to instruct visitors to the museum.

There are 13 native high school students involved in the program this summer, said Rowan, and six of them will be giving presentations in the Haida House at the UBC Museum of Anthropology in the period between July 24 and August 24. She added that the presentations would be 15 minutes in duration, and that there would likely be three each afternoon.

To give the students a basic understanding of how traditional Indian artifacts are made, several established native artists were asked to speak to the project members, said Rowan. Two of the artists were Norman Tait, a Nishga carver from Kincolith in northern B.C., and Robert Tait, his brother, who is apprenticing with him as a carver. Norman Tait exhibited several of his completed works to the students, including the ornate box shown in the photo above.

The program to prepare an exhibit for visually handicapped people began as a collaboration between Rowan and Dr. Sally Rogow, an assistant professor in Special Education in the education faculty.

The program, said Rowan, involves the development of a "touchables" collection, commissioned from native artists, to be made available to visually handicapped and school children. The articles will be either duplicates

of, or similar to, objects currently contained in the museum's various collections.

To complement the "touchable" objects, some of Dr. Rogow's students wrote a number of labels for the objects in braille. The labels describe the objects physically, give their history, and describe how they were constructed.

Recently a group of visually handicapped volunteers from the Canadian National Institute for the Blind visited the Museum of Anthropology to assess the value of the collection and the brailled labels.

The group, including UBC students Rob Gilchrist, third year English, Susan Robertson, fourth year English, and UBC graduates Peggy Spencer and Linda Evans, examined the objects, reading the labels and giving their impressions of the exhibit.

"Most of them were positive about the labels," said Rowan, and added that the volunteers had offered many useful suggestions on how best to adapt the exhibit to accommodate the visually handicapped.

The next step in the preparation of the collection is the re-brailing of the labels by the CNIB. The labels will then be made into a bound volume for use by visually handicapped visitors to the museum in conjunction with the "touchable" items.



Helping Linda Evans, a UBC Education grad, take off a Hamatsa raven mask at the UBC Museum of Anthropology are Edith York, left, a supervisor in the transcription department of the Canadian National Institute for the Blind and Madeline Bronsdon Rowan, curator of Ethnology and Education at the museum.

Students can now complete a degree through part-time study in the evenings in 15 disciplines. By taking winter and spring session evening courses for three years, part-time students can complete degree concentrations in anthropology, English, geography, linguistics, political science, Asian studies, fine arts, German, mathematics, psychology, creative writing, French, history, philosophy or sociology.

The three-year degree completion is something that Extra-Sessional Studies has been working toward for many years. Programs are planned so that the courses different departments offer follow the departmental requirements, and students are informed in advance what the next session's course in their areas will be so that they can plan ahead.

The potential students who will come to the Aug. 29 advisors' night will be able to ask questions about transferring any courses for UBC credit they might already have under their belt, questions about what programs UBC offers, or what admission requirements UBC demands. Any they can get answers to their questions from representatives of the Registrar's Office, Student Services, the Alma Mater Society, the Awards Office, the UBC Day Care Centre, and most of the academic areas that offer evening courses.

So if you're thinking of becoming a part-time student, or you know someone who is, keep in mind Aug. 29, Wednesday, between 7 and 9 p.m. in the Conversation Pit of the Student Union Building.

A healthy future needs nutrition education

The next time you see a kid making a lunch out of pop and potato chips, don't despair. According to Dr. Nancy

UBC hosts festival of early music

Starting Monday, the halls of the Music Building on campus will be echoing with the sounds of madrigals, keyboard toccatas, recorder sonatas, fantasias for violin da gamba and ayres for lute. This August, like every August for the past four years, is the month of the Early Music Festival.

Two workshops and a variety of concerts make up the three-week program. All events are open to the public.

Monday, Aug. 6, is the opening day of the two-week Baroque Music Workshop, intended for advanced players of early musical instruments. Master classes, ensemble and orchestral playing, guest lectures and instruction in Baroque dance make up most of that program, although this year for the first time, vocal instruction will be included as English tenor Nigel Rogers make his debut with the program as a faculty member.

The second workshop, with teaching levels from beginners to advanced, begins Aug. 20 and continues for one week. In the past, participants have come from all over Canada and the United States, and range from early music specialists and students to doctors or journalists with a passion for the crumhorn. Group classes explore such fundamentals as fingering problems and basic musicianship. Guest lectures, after-supper singing of music from the 16th and 17th centuries, workshops on early instruments, Renaissance dance and madrigal singing are included in the program.

A festival of six concerts are presented at the same time as the two workshops. (See *UBC Calendar* for details.) The final concert, presented Aug. 24, features Renaissance dance specialists performing pavans, galliards, voltes and canaries and will involve the entire faculty of the Early Music and Dance Workshop with vocal and instrumental music from the 15th to 17th centuries.

Tickets for the festival concerts are available from the Magic Flute, Allegro Books, the UBC music department and the Vancouver Society for Early Music, at \$4.50 each, \$3 for students and seniors.

More information about the workshops can be obtained through the Vancouver Society for Early Music (732-1610) or the UBC Department of Music (228-3113).

Schwartz, a nutrition expert and assistant professor in the School of Home Economics at UBC, that kid is a disappearing species.

Given another 10 years, she feels, nutrition education will be part of the school curriculum in a major way. Children will be versed in good eating habits, beyond the basics of Canada's Food Guide which has been, for many of us, the extent of our nutrition education. And not only will they be versed in proper nutrition, they will follow better habits because they'll know what effect the so-called "junk foods" have on their complexions, body weight and general well-being.

Too optimistic? Maybe, but Dr. Schwartz takes her predictions from what's happening south of our border. "There's been a lot of money allocated in the U.S. for national nutrition education programs and I really believe that it will come here within 10 years."



1979 International Year of the Child

"So far in B.C. there's been all sorts of starts for general nutrition education, but nothing yet that has any 'oomph'," she admits.

One of the things that makes nutrition education a lower priority for government funding than Dr. Schwartz would like is the difficulty of pinpointing how incorrect diet affects health. "The relationship between diet and disease isn't nearly as clearcut as the relationship between cigarettes and lung cancer," she says.

Nutritionists do know that incorrect diet increases the risk of heart disease, dental disease, cancer of the colon, possibly other forms of cancer, and diseases of the intestinal tract. But they can't say for sure that the cause of these diseases is incorrect diet.

As more and more research is done, as people become more and more concerned about body appearance and body weight, and as treating illness becomes more and more expensive, public pressure will grow to make nutrition education a higher priority, Dr. Schwartz feels.

In many elementary and secondary schools, pressure for better eating habits is coming now, and in many cases it's coming from the students themselves.

"I've been involved with a group of



Peter Menyaz photo

Dr. Nancy Schwartz

seventh graders at Queen Elizabeth school recently where the kids themselves were really wanting information on nutrition. Once they're old enough to realize what eating the wrong foods does to them, then they're interested," Dr. Schwartz says.

"But you can't deny the influence of advertising, either. 'Coke is the real thing' is a pretty powerful message. And kids want to be more like the people in the advertisements."

Some of the nutritional examples used in everyday teaching in the classroom are often negative, too, Dr. Schwartz says. In arithmetic class, for example, textbooks might use candies as a counting aid or might teach fractions by asking students to half a cake recipe calling for three cups of sugar.

"I really think that anyone teaching at the elementary level, especially, should have some kind of basic nutrition knowledge," she stressed.

Teachers workshops on nutrition are now available from time to time and are conducted by nutrition educators with the B.C. Dairy Foundation. Almost all the health units in the province have nutritionists on staff, who are available for counselling and have printed information on nutrition available. At UBC, many students in the Faculty of Education take courses in nutrition as electives through the School of Home Economics in addition to their Education coursework.

"Things are definitely getting better. There's no question," Dr. Schwartz says. "But it's also getting harder and harder to get better because of the greater choice of information, much of it conflicting, which is available."

Food fads, diet fads, the claims of a few of the health food stores make people suspicious of all the nutrition information they hear. And for most of us, we have little or no background in nutrition or health to be able to

evaluate the claims of different groups.

"What nutritionists would really like to see is an integrated health-nutrition program in the formal education system. But that needs to be a priority from the Ministry of Education or the Ministry of Health. Right now there are limited nutrition resources available through the education ministry," Dr. Schwartz says.

If we had an educated school populace with a background in nutrition and its effect on health, Dr. Schwartz feels, that would go a long way toward a potentially more healthy adult population. We can't control risk factors such as heredity, age or sex in preventing illness, but we can control our diet.

"However, if people have the nutrition education and choose not to use it, then that's up to them," she admits. "One of the things that's hard for us to accept is that there's always freedom of choice."

Advice to aid refugees available

UBC Law Students Legal Advice Program can now offer free advice on sponsoring Vietnamese refugees into Canada at 10 of their clinics in Vancouver.

The legal advice clinics, staffed by 22 UBC law students, will assist the public with information concerning the federal government's program for private sponsorship of the refugees.

Groups of five or more individuals, 18 years of age or over, are eligible to sponsor refugees into Canada. The sponsors must be Canadian citizens or landed immigrants.

For more information, call the UBC clinic at 228-5791.

UBC Calendar

UBC CALENDAR DEADLINES

People wishing to advertise events falling in the period Aug. 12 to Sept. 1 are asked to submit notices by Thursday, Aug. 2, at 5 p.m. A *UBC Calendar* listing these events will be published on Wednesday, Aug. 8.

Regular publishing of *UBC Reports* and *UBC Calendar* will resume in September.

Send notices to Information Services, 6328 Memorial Road (Old Administration Building), Campus. Further information is available at 228-3131.

SUNDAY, AUG. 5

1:00 p.m. **TOUR OF THE HAIDA HOUSES** on the grounds of the Museum of Anthropology. Those interested should meet in the museum rotunda. Free with museum admission. Repeated at 3 p.m.

2:00 p.m. **GUIDED WALKS IN THE WOODS** with a member of the Canadian Institute of Forestry, any Sunday, May through August. UBC demonstration forest, Maple Ridge. The trails are open seven days a week for those who wish to guide themselves. For information, call 683-7591 or 463-8148.

MONDAY, AUG. 6

B.C. Day. University closed.

TUESDAY, AUG. 7

12:30 p.m. **WESTSIDE FEETWARMERS** perform at the plaza outside the Music Building.

4:00 p.m. **ASIAN RESEARCH SEMINAR**. Dr. Jawaharlal Handoo, director, Folklore Unit, Central Institute of Indian Languages, Mysore, India, on *The Scope and Importance of Contemporary Research Work on Indian Folklore*. Room 217, Museum of Anthropology, 6393 Northwest Marine Dr.

8:00 p.m. **REGENT COLLEGE LECTURE**. Prof. Jarold Zeman, Church History, Acadia Divinity College, Acadia University, author of *Historical Topography of Moravian Anabaptism; The Anabaptists and the Czech Brethren in Moravia, 1526-1628: A Study of Origins and Contacts* and *God's Mission and Ours, on Reflections on Revival and Church Renewal*. Chinese Alliance Church, 3330 Knight St., Vancouver.

WEDNESDAY, AUG. 8

12:30 p.m. **THE COURT ORCHESTRA**, featuring 17 people in formal attire, perform outside on the plaza, Student Union Building.

4:00 p.m. **PHYSIOLOGY SEMINAR**. Dr. P.H. Stern, Pharmacology, Northwestern University, Chicago, Ill., on *The Action of Vitamin D Metabolites on Bone*. Lecture Hall 4, Woodward Instructional Resources Centre.

7:30 p.m. **FREE FOLK DANCING** on the terrace of the Student Union Building every Wednesday, 7:30 - 10:30 p.m., rain or shine. All ages welcome. Easy fun dances from many countries will be taught. For more information, call Marcia Snider, 224-0226.

8:00 p.m. **EDUCATIONAL TRAVEL SHOWCASE**, presented by UBC's Centre for Continuing Education. Ken Woodsworth of the centre on *European Discoverers of the Orient*. Conference Room, Centre for Continuing Education. Admission free. **FRONTIERS IN MEDICINE**. Prof. Ada Butler, Nursing, UBC, on *Coping With Stress*, one of a series of lectures videotaped during UBC's Open House last March. Channel 10, Vancouver Cablevision.

FRIDAY, AUG. 10

8:30 p.m. **EARLY MUSIC FESTIVAL**. Michel Piguet performs *Works for Baroque Oboe and Recorder, with an Accompanying Ensemble*. Recital Hall, Music Building. Tickets, \$4.50, or \$3 for students and seniors. Reservations, call 732-1610.

MUSEUM PROGRAMS FOR CHILDREN

Uses of the Cedar Tree, a free program for children under 12, continues until Aug. 24, at 1, 2 and 3 p.m., Tuesday through Saturday. This introduction to the traditional uses of the cedar tree in Northwest Coast Indian life is presented by Native Studies program trainees. Jointly sponsored by the Native Indian Youth Advisory Committee and the Museum of Anthropology. For information call 228-5087. Museum, 6393 N.W. Marine Dr.

Sketching Workshop for Children 9-13. Monday, Aug. 13 until Friday, Aug. 17; 1:30-3:00 p.m. Explore Northwest Coast Indian art through looking and sketching in the museum. No previous experience necessary. All materials provided. Museum, 6393 N.W. Marine Dr.



Peter Menyaz photo

Dixie, swing, and all that jazz bounce around the walls of the Music Building as the Mulberry Street Jazz Band entertains lunch-hour listeners during Summer Session at UBC. Mulberry Street Jazz Band and other groups provide noon-hour concerts daily until Aug. 8 at various campus locations, thanks to the Summer Students Association. Free films and evening concerts have also been part of this summer's offerings.

FINAL ORAL EXAMINATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Held in the Faculty of Graduate Studies Examination Room, New Administration Building. Members of the University community are encouraged to attend, provided they do not arrive after the examination has commenced.

Wednesday, Aug. 8, 10:00 a.m.: JARL G. KALLBERG, Commerce; *Computational Algorithms for Stochastic Nonlinear Programs with Applications to Portfolio Selection*.

Thursday, Aug. 9, 10:00 a.m.: MARGARET ANDREWS, History; *Medical Services in Vancouver, 1886-1920: A Study in the Interplay of Attitudes, Medical Knowledge, and Administrative Structures*. (Conference Room.)

Friday, Aug. 10, 9:00 a.m.: JAMES NAGY, Interdisciplinary; *Anatomical and Biochemical Organization of the Basal Ganglia*.

Friday, Aug. 10, 11:00 a.m., DAVID ALAN BERGHOFER, Physics; *A Measurement of the Pion Decay to Electron Plus Neutrino*.

MUSEUM EXHIBITS

On display at the Museum of Anthropology are two exhibits which will continue throughout the summer months. **Plantae Occidentalis, 200 Years of Botanical Art in B.C.**, is an exhibition of 109 works which includes historical works from 1792 to contemporary 1977 paintings.

The Four Seasons: Food Getting in British Columbia Prehistory is an exhibition showing the livelihood and living patterns of the prehistoric peoples of southern B.C., and the scientific techniques used to study their past.

Four student exhibits are on display in the museum — **Design Elements in Northwest Coast Indian Art; The Evolution of Bill Reid's Beaver Print; Design Variations in Guatemalan Textiles; and Kwagiutl Masks**.

The Theatre Gallery in the Museum features two multi-screen slide-sound presentations which can be operated by visitors.

FITNESS APPRAISAL

The School of Physical Education and Recreation offers comprehensive physical fitness assessment through the new John M. Buchanan Fitness and Research Centre in the Aquatic Centre. A complete assessment takes about an hour and encompasses various fitness tests, interpretation of results, detailed counselling and an exercise prescription. The assessment costs \$15 for students and \$20 for all others. To arrange an appointment, call 228-4521.

INTENSIVE ENGLISH

An intensive program in English as a Second Language begins Aug. 7 and runs for three weeks. Two sessions are offered: mornings from 9 a.m. to 12 noon; afternoons from 1:30 to 4:30 p.m. Courses, offered at all levels, have 14 sessions of 3 hours of instruction at a cost of \$125. More information through the Language Institute, Centre for Continuing Education, 228-2181, local 285.

FREE LEGAL ADVICE

The UBC Law Students Legal Advice Program offers free legal advice to people with low incomes through 18 clinics in the Lower Mainland. For information about the clinic nearest you, please telephone 228-5791 or 872-0271.

SUMMER GARDEN HOURS

The Nitobe Garden is now open every day from 10 a.m. to half an hour before sunset. Admission: 50 cents; children 10-16, 10 cents; children under 10, seniors, handicapped and community and school groups (advance notice of one week required for advice to gateman), free. Tours for this garden and others may be requested by calling the Botanical Garden office at 228-3928.

UBC AQUATIC CENTRE OPEN

The UBC Aquatic Centre is open for public swimming and specialized classes. Those who pay the entry fee for public swimming will have the use of both the indoor pool and the outdoor facility adjacent to the War Memorial Gymnasium. UBC students, faculty and staff only will be admitted to the pool Monday to Friday from 11:30 a.m. to 1:30 p.m. The centre also offers a wide range of special programs, including ladies and co-ed keep-fit classes; toddlers, childrens and adult swimming lessons, adult diving lessons and Royal Lifesaving Society lessons. Full information on public swimming hours is available at the centre or by calling 228-4521. The current schedule is effective until Sept. 8.

