

UBC REPORTS

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UBC named Centre of Excellence for research in micro-electronics

UBC has been designated a 'Centre of Excellence' by the federal government for research into micro-electronics, and will receive up to \$1 million over the next five years from the ministry of industry, trade and commerce.

Senator Ray Perrault, who made the announcement June 26 at a breakfast news conference at the Faculty Club, said UBC was chosen "because of its proven capability in the industrial application of micro-electronics and its accessibility to the industries that will make use of its services."

He said other centres will be located at the University of Toronto, the University of Sherbrooke, the University of Manitoba, the University of Alberta, and at a still-to-be-selected centre in the Maritimes.

The UBC proposal was prepared by Prof. Larry Young of electrical engineering and was supported fully by Simon Fraser University, the University of Victoria, the B.C. Institute of Technology, various B.C. scientific and research organizations and the electronics industry in B.C.

"This cooperation was clearly evident to the government," Senator Perrault said, "and augurs well for the future development of the Centre of Excellence."

"In particular I wish to acknowledge the energy and leadership shown by Dean Wedepohl (Martin Wedepohl, dean of applied science) who, more than anyone else, pulled together the various interest groups and led the development of the proposals which has become a reality today."

The senator said the micro-electronics lab at UBC is acknowledged as one of the finest among universities in Canada.

"This well developed existing base should develop into a centre which can work with industrial companies, and other research facilities to:

- produce prototype and small production runs of custom integrated circuits for local industry and research groups at a level of technology comparable with the most advanced industrial practice;
- undertake research contracts in the mainline of current research;
- develop new types of devices for direct sale or licensing;
- provide an excellent level of education for graduate and undergraduate students;
- provide advanced training for personnel from local industry."

Dean Wedepohl said the UBC facilities will be open to researchers from other universities and industrial

firms.

Provincial Universities Minister Pat McGeer said establishment of the

center "gives UBC a big leg up in prestige. "It's reckoned this field will grow thousands of times in a decade."



Julia Levy



Beryl March

Prof. Julia Levy of the Department of Microbiology and Prof. Beryl March of the Department of Poultry Science have both been named the presidents of professional societies associated with the Canadian Federation of Biological Sciences. Prof. Levy is the new president of the Canadian Society for Immunology, and Prof. March will head the Canadian Society for Nutritional Sciences.

Lythgoe named to top post

Mrs. June Lythgoe, a counsellor in the Women Students' Office has been appointed Acting Director of the office.

She replaces Dr. Lorette Woolsey, who has accepted the academic post of assistant professor in counselling psychology in the Faculty of Education.

Mrs. Lythgoe has had a wide range of experience in personal and career counselling at various institutions in B.C.

She worked as a counsellor at Vancouver Community College and the University of Victoria, and as an admissions advisor and placement officer at Simon Fraser University before joining the Women Students' Office staff in 1979.



Television actress Cheryl Ladd of "Charlie's Angels" fame visited the UBC campus late in June for a filming session in the Nitobe Garden. She stars in hour-long TV film which will be shown in Japan and other Asian centres with the aim of promoting tourism to British Columbia.

For some, summer means study

So you think summer is for sunning on the beach, sleeping in and heading off on vacation?

That's not the case for over 4,000 students who arrived on campus this week for some 350 courses being offered during UBC's 1981 Summer Session. Summer Session began Monday (July 6) and continues until Aug. 15.

Dr. Norman Watt, director of Extra-Sessional Studies, says UBC's summer session enrolment is mainly comprised of school teachers who come to the University to upgrade their education and regular winter

session students who are picking up additional credits.

The enrolment in summer session is about the same as last year, according to Dr. Watt. The number of students enrolled in spring session this year rose about 20 per cent to 3,517.

The Summer Session Association, headed by Michael Grice, has events planned throughout the summer for people on campus in July and August. The association will have an office in the Student Union Building, and you can also check bulletin boards around campus and the UBC Calendar for details of activities.

C.A. McDowell named University Professor

UBC's Board of Governors has approved the appointment of Prof. C.A. McDowell, DSc, FRSC, FRIC, FCIC, as University Professor from July 1, 1981, in recognition of his distinguished contributions to the field of chemical sciences and to the University.

The rank of University Professor is one which is conferred only rarely on faculty members who have achieved special distinction. As University Professor, Dr. McDowell will devote himself to scholarly work and research in association with graduate students and postdoctoral fellows and visiting scientists.

President Douglas Kenny said, "I am extremely pleased that the University is able to honor such a distinguished scientist and administrator who has not only made original contributions to the field of chemical science but also to the University and to the scientific community in Canada."

Prof. McDowell served as professor and head of the Department of Chemistry from 1955 until June 30, 1981. He was a member of the University Senate from 1966 until 1981 and a member of the Board of Governors during 1977/78.

Prof. McDowell was born in Belfast and was educated at Queen's University, Belfast, which awarded him the degrees of B.Sc. (1st class honors) in 1941, M.Sc. in 1942 and D.Sc. in 1955. He is the author of numerous scientific publications on chemical kinetics, mass spectrometry, molecular structure, electron and nuclear magnetic resonance spectroscopy, photoelectron spectroscopy and heterogeneous catalysis. He has directed the research of numerous graduate students and postdoctoral fellows. During his tenure as head, the Department of Chemistry established an enviable international reputation as one of the leading departments of chemistry in North America.

Prof. McDowell is the recipient of many honors. He is a Fellow of the

Royal Society of Canada and of the Chemical Institute of Canada. He is also a Fellow of the Royal Institute of Chemistry and of the Royal Society of Chemistry in the United Kingdom, as well as a Fellow of the American Institute of Physics and an Honorary Fellow of the Royal Australian Institute of Chemistry. He was awarded the Letts Gold Medal in Theoretical Chemistry by Queen's University of Belfast in 1941, a special Science Medal by the University of Liege, Belgium, in 1955, the Centennial Medal by the Government of Canada in 1967, the Chemical Institute of Canada Medal in 1969 and the Queen's Jubilee Medal in 1978.

Prof. McDowell held a Killam senior research fellowship in 1969-70, was a member of Churchill College, Cambridge University, in 1963-64 and was a National Research Council of Canada Senior Research Fellow at Cambridge University in 1965. He has been Distinguished Visiting Professor at the Universities of Florida (1974) and Cape Town (1975) and a Visiting Professor at Kyoto University in 1965 and 1969. He has served on the Board of Editors of several distinguished research journals including the Canadian Journal of Chemistry, the Journal of Chemical Physics, the Journal of Molecular Structure, Molecular Physics, the Journal of Electron Spectroscopy and the Canadian Journal of Spectroscopy.

Prof. McDowell was Canada's representative at the General Assembly of the International Union of Pure and Applied Chemistry (IUPAC) in Davos, Switzerland, in 1979 and is the Honorary Chairman of the 28th meeting of IUPAC in Vancouver in August this year. Some 2000 scientists are expected to attend the meeting at which about 1000 papers will be presented.

Before coming to UBC Prof. McDowell taught at Queen's University and the University of Liverpool. During the Second World War he served in the U.K. Ministry of Supply as a gas and bomb identification officer. He is married and has three children.

This is only the second occasion on which the University of British Columbia has designated a faculty member as University Professor. The first such appointment was held by the late Prof. Roy Daniels who was University Professor of English Language and Literature from 1965 to 1976 when he became University Professor Emeritus.

She served from coast to coast

Marion Gilroy, an associate professor in UBC's School of Librarianship from 1963 to 1969, died on June 22.

Before joining the UBC faculty, Miss Gilroy was associated with the Nova Scotia Regional Library Commission and served as supervisor of Saskatchewan Regional Libraries from 1946 to 1963.

She was president of the Canadian Library Association in 1951-52.



Swimmer is Martin Kai Way of Vancouver Pacific Swim Club, who is participating in UBC Division of Sports Medicine study of knee problems encountered by breaststroke swimmers. Researchers are able to watch and videotape swimmers' technique thanks to ingenious device consisting of two mirrors — one of them underwater — mounted on a metal frame built on UBC campus.

UBC hockey team gets new coach

A new coaching team will take over the UBC Thunderbird hockey team this fall.

The club's new head coach is UBC graduate Jack Moores, 35, winner of the Bobby Gaul Memorial Trophy as UBC's top male athlete in 1971, the same year he captained the Thunderbirds to the Western Canada and national college hockey finals.

After a career in junior A hockey, Mr. Moores attended the Detroit Red Wings training camp and was also invited to try out for the Los Angeles Kings in the National Hockey League. He opted for a teaching career instead and is today a teacher in the Delta school district where he plans to remain active on a part-time basis.

Appointed assistant coach of the Thunderbirds is Fred Masuch, a former all-star goalie for the UBC team and a long-time instructor at the UBC hockey school.

One Killam award dropped

The Canada Council's Killam Program will not offer Research Associateships in the next competition. The associateships, which had been aimed at young post-doctoral scholars, have been suspended for one year,

subject to reconsideration in 1982. The suspension has been prompted in part by budgetary constraints but also takes into consideration the availability of similar post-doctoral awards from the three national research-funding agencies. The suspension of the associateships will enable the council to increase its funding of Killam Research Fellowships, which are aimed at established scholars, as well as to consolidate and strengthen the financial base of the Killam Program.

UBC, Cariboo plan Hat Creek coal conference

The economics, technology and environmental ramifications of the proposed Hat Creek coal-fired thermal energy project of B.C. Hydro will be examined at an October conference being planned by the University of B.C. and Cariboo College.

Dates for the Kamloops conference are Oct. 14 through 16, with the first day devoted to a field trip to Hat Creek Valley.

Presentations will be directed to the need, economic viability and environmental impacts of the project as viewed by the developers and by experts from government, industry and the private sector. Topics such as waste disposal, gaseous and heavy metals emissions, impacts on other resources, alternate technology and alternate uses of Hat Creek coal will also be discussed.

More detailed information on the conference is available from Graham Drew at UBC, 228-3270.

The Canada Council also has changed the terms of the Research Fellowships, by establishing a ceiling of \$50,000 on the stipend portion of the award. The Research Fellowship now will include full or partial salary replacement to a maximum of \$50,000, plus fringe benefits. Applicants whose actual salaries exceed this maximum may request full fringe benefits based on their full actual salaries.

Finally, the council announces that beginning in 1982, one Izaak Walton Killam Memorial Prize will be awarded annually. The new \$50,000 Prize, which honors outstanding lifetime achievement in the natural sciences, medicine or engineering, was launched in 1981 with three awards.

As a result of the changes, the Killam Program next year will offer only Research Fellowships, for which the application deadline is October 15, 1981, and the Izaak Walton Killam Memorial Prize, for which the nomination deadline is also October 15.

CAMPUS PEOPLE

Jane Hudson, head of the physiotherapy division of the School of Rehabilitation Medicine has been named a life member of the Canadian Physiotherapy Association.

Rarely awarded, life membership is granted in recognition of outstanding service to the profession and association. Miss Hudson, head of the UBC physiotherapy program since its inception in 1961, is a past president of the association and was cited for her numerous contributions locally and nationally to association activities.



Two doctors closely associated with UBC's medical school have been awarded honorary senior memberships in the Canadian Medical Association.

Honored were: Dr. Brock Fahrni, former director of UBC's School of Rehabilitation Medicine who retired in 1978 and an expert in the field of geriatrics; and Dr. Frank Patterson, head of the Department of Surgery and former director of the Division of Orthopedics and the UBC Trauma Research Unit.



Mrs. Gisela Spieckmann, a laboratory assistant and research assistant for 21 years in UBC's Department of Anatomy, took early retirement from the University, effective June 30. Mrs. Spieckmann joined the UBC staff in August, 1960 as a laboratory assistant and was promoted to the rank of research assistant in 1962.



Prof. William Oldham of the Department of Civil Engineering has been appointed to a three-man panel of independent scientific experts who are reviewing the decision to allow the Amax mine to deposit mine tailings in the waters of Alice Arm in north coastal B.C.



Prof. George S. Tomkins of the Faculty of Education has been awarded the Canadian Education Association Whitworth Award in Educational Research for 1981.

The award recognizes Prof. Tomkin's work in Canadian studies and social studies education and the history of curriculum development in Canada. He's also the recipient of a 1981-82 Social Sciences and Humanities Research Council grant for a project entitled "Curriculum Development: Theory and Practice in Canadian Perspective."

V.J. Modi wins Jacob Biely Prize

A man whose research has been applied to both Russian and American earth satellites has been awarded the Jacob Biely Prize this year at UBC.

Prof. V.J. Modi of UBC's Department of Mechanical Engineering is internationally known for solutions to ensure earth satellites remain precisely oriented in space.

Though a satellite may be placed in correct alignment with the earth when launched, a number of factors tend to make it deviate from this preferred orientation. Among them are the force of gravity of the earth and other planetary bodies, the earth's magnetic field, aerodynamic effects and disturbing forces due to solar radiation.

Prof. Modi and his students have evolved methods to estimate the disturbing effects on many types of satellites and correct them. The feasibility of his methods has been proved by several U.S. and Soviet satellites.

His work promises to extend the useful life of satellites and provide enormous cost savings. His research will grow in importance as satellites increase in the size of their main body and in the size and length of flexible



V.J. Modi

components such as solar panels and antennae. A large number of the next generation of communications satellites belong to this category.

Prof. Modi's studies on the effect of the sun, moon and other planetary

bodies on the motion of a satellite, in the scientific literature referred to as "many body problem," represent a major advance since the pioneering contribution by Lafrange in 1772.

He is participating in a proposed experiment on the Space Shuttle which involves using a 100 km long tether for charting the earth's magnetic field.

His research interests span several areas including aerodynamics, biomechanics and ocean engineering. Recently his group developed a prosthetic mitral heart valve of considerable promise. He is currently involved in development of a low-cost wind operated irrigation system particularly suited to small farms in developing countries. Recently Dr. Modi was made Associate Fellow of the American Institute of Aeronautics and Astronautics and Fellow of the Canadian Aeronautics and Space Institute.

The Prof. Jacob Biely Faculty Research Award is UBC's top research prize. It was established by Prof. Biely's brother George in 1968. Prof. Biely, an internationally-known poultry scientist whose association with UBC covered half a century, died June 3 at the age of 78.

Geoscience departments earn praise

UBC's two geosciences departments — geology and geophysics and astronomy — receive much favorable comment in a 154-page study included in the 7th annual report of the Canadian Geoscience Council.

The two-year study, which included visits by the study's authors to university departments, documents nearly all aspects of teaching and research in the 40 geology and geophysics departments in Canadian universities.

The study shows that UBC has one of the largest geology and geophysics undergraduate enrolments in Canada, ranking fourth in size behind Toronto, Calgary and Queen's, that it has one of the larger graduate enrolments in Canada and that in 1980-81 UBC ranked third in Canada behind Toronto and Alberta in the total amount of money granted for research by the National Sciences and Engineering Research Council.

Here are some other comments on UBC in the report, culled from a number of its chapters.

FACULTY AND FACILITIES

"Of the 77 geophysicists in our universities... 61 per cent received their doctorates in Canada (chiefly at Toronto and British Columbia..."

"...the geology departments at British Columbia, Memorial, Queen's, Calgary and Waterloo are in handsome new buildings... specifically designed for the needs of their earthy inhabitants."

"The largest and oldest established school, particularly those with powerful geophysical research teams such as Toronto, Alberta and B.C. have the most expensive instrumentation which has been built up or patched up over many years."

UNDERGRADUATE INSTRUCTION

"Most professors... felt there had been improvements in the quality of students over the past few years. Thus, the Geophysics group at UBC claimed

that it is now attracting some of the brightest students in physics... the geology group at UBC reported that the average quality was about the same but that there were more bright stars than in the past."

UBC's geophysics department received a rating of 3.45 in a survey of 20 oil companies which were asked to rate undergraduate training as it pertained to their needs. "Our committee," the report comments, "decided that those schools receiving 3.0 or more points from five or more companies were providing a very satisfactory service to the industry..."

A Yale University professor, asked to comment on undergraduate training in the geosciences in Canada, wrote: "... I have been impressed in recent years with some undergraduates from UBC, Toronto and Queen's."

POSTGRADUATE STUDIES

"Geology at Queen's, UBC and Alberta has had a comparatively long history of graduate studies by Canadian standards... Also, the three have had long and successful ties with industry... where their graduates are prominently placed... these schools attract graduate students on the basis of their reputations and from referrals from former graduates..."

RESEARCH

"...the highest average grants to individual departments go to geophysics at York (\$25,061), Toronto (\$24,803), Alberta (\$24,564) and British Columbia (\$24,198)."

"Sixteen of 20 petroleum companies... claimed to have had research dealings with geology or geophysics departments. Eleven companies had been involved with Calgary, six with Memorial, five with British Columbia..."

"The universities most frequently mentioned in connection with sponsored theses and joint studies (with mineral exploration companies)

were: Western Ontario, Toronto, Queen's, Carleton and British Columbia."

COMMENTS FROM ABROAD

On Canadian geophysics: "... a few who have had international impact and are world class scientists are located at: Toronto, Alberta, British Columbia..." — A California Institute of Technology professor.

Geochronology and isotope geology: "... I must pay tribute to the imaginative and creative age and isotope work that has been carried out at several Canadian universities, particularly Toronto, Alberta and British Columbia..." — A leading U.K. worker in isotope geology.

Mineralogy: "... bright spots in mineralogy in Canada exist at British Columbia, Carleton, Ottawa, Manitoba, Calgary..." — A U.S. professor of mineralogy.

Paleontology and biostratigraphy: "The departments of botany at British Columbia and geology at Saskatchewan and Toronto would be competitive with any institutions in the U.S." — A U.S. authority on palynology.

Permafrost and preglacial research: "... Canadian workers are among the best in the world. I know of nobody anywhere who ranks higher than (a UBC geographer)..." — A former director of national and international research institutes.

RELATIONSHIPS WITH OTHER SCIENCES

"At UBC... co-operation in teaching and research seems to be firmly established... In fact, on this campus, integration of endeavors between physical geography, civil engineering, soil science, botany and geology seem to be on at least as firm if not a firmer footing than that between geology and geophysics."

Pedestrians will have larger share of Boulevard

Construction on UBC roads is being carried out by Physical Plant in four areas on campus.

Work on the roads began at the end of May and Physical Plant director Neville Smith said construction should be finished by September, despite delays caused by rainy weather.

Here's a rundown on the areas:
 Sidewalks are being installed along Lower Mall from University Boulevard to Totem Park Residence to reduce hazards to pedestrians;
 University Boulevard is being widened between West Mall and Wesbrook Mall. The north side of the

boulevard along this stretch will be eliminated and the south roadway will accommodate two-way traffic;

Maintenance work is being done on Wesbrook Mall, from the intersection at University Boulevard, towards Chancellor Boulevard. Workers are repairing curbs, adding sidewalks and

widening the road to add a third lane of traffic at the entrance to Student Union Building Boulevard.

Work is being done on Thunderbird Boulevard, between East and West Mall. The road is being widened in places and temporary curbs are being replaced.

UBC CALENDAR

UBC Calendar Deadlines

For events in the weeks of July 26 and Aug. 2, material must be submitted not later than 4 p.m. on July 16. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

SUNDAY, JULY 12

Sunday Downtown Series.
 Working Women: Should We All Be Sent Home to the Kitchen? Prof. Sydney Thomson Brown. St. Andrew's Wesley United Church. 8:00 p.m.

MONDAY, JULY 13

VST Campus Series.
 Communities of Faith and Other Communities. Dr. Paul Hanson, Harvard University. Chapel of the Epiphany, Vancouver School of Theology. 7:30 p.m.

TUESDAY, JULY 14

Music For Summer Evenings.
 Audrey Leonard Borschel, soprano; Michael Borschel, clarinet; and Bruce Johnson, piano. Recital Hall, Music Building. 8:00 p.m.

WEDNESDAY, JULY 15

UBC Apple Users Group.
 Gary Little of the B.C. Apple Computer Society will present a talk on communications with the Apple microcomputer. Room 115, Hut B-8. 3:30 p.m.

Educational Travel Showcase.
 Free educational travel showcase featuring slides and photos of the Queen Charlotte Islands, with Margaret Irving. For more information, call 228-2181. Lecture Hall 4, Woodward Instructional Resources Centre. 7:30 p.m.

THURSDAY, JULY 16

International House.
 Documentary On Indian Cities. Admission is free. Upper Lounge, International House. 7:00 p.m.

VST Campus Series.
 Creative Uses of Tension in North American Religious Life. Dr. Robert Handy, Union Theological Seminary, New York. Chapel of the Epiphany, Vancouver School of Theology. 7:30 p.m.

Understanding the Polish Experiment.
 Poland's Political Aspirations. Dr. Adam Bromke, Political Science, McMaster University. Room 106, Buchanan Building. 8:00 p.m.

Music For Summer Evenings.
 Patrick Webb, organ. Recital Hall, Music Building. 8:00 p.m.

Regent College Lecture.
 Old Testament Archaeology: Some Recent Discoveries. Prof. Donald Wiseman, University of London. Regent College. 8:00 p.m.

FRIDAY, JULY 17

Noon-Hour Concert.
 Free noon-hour concert by soprano Elfrieda Langemann, and pianist Richard Kitson. Music of Sarti, Mozart, Schubert, Debussy, Granados, Verdi & Gounod. Recital Hall, Music Building. 12:30 p.m.

Faculty Club Barbeque.
 Cook-your-own-steak barbeque for Faculty Club members and guests. Barbeque will be preceded by wine tasting at 5 p.m. Reservations required. For information or reservations, call 228-2708 or 228-6507.

SUNDAY, JULY 19

Sunday Downtown Series.
 Liberation Theology for North Americans. Dr. Robert McAfee Brown, Pacific School of Religion, Berkeley, California. Christ Church Anglican Cathedral. 8:00 p.m.

MONDAY, JULY 20

VST Campus Series.
 Spiritual Maturity. Rev. Sister Rosemary Anne, Sister in charge of St. John's Priory, Edmonton. Chapel of the Epiphany, Vancouver School of Theology. 7:30 p.m.

TUESDAY, JULY 21

Music For Summer Evenings.
 Hans-Karl Piltz, viola and Robert Rogers, piano. Recital Hall, Music Building. 8:00 p.m.

WEDNESDAY, JULY 22

Educational Travel Showcase.
 Free educational travel showcase featuring slides and films of flora of the West Indies, with David Tarrant. For more information, call 228-2181. Lecture Hall 4, Woodward Instructional Resources Centre. 7:30 p.m.

AMS Concert.
 Arlo Guthrie with Shenandoah. Tickets are \$9 for students; \$10 general. Available at the AMS Box Office, Woodward's stores and CBO outlets. For more information, call 669-INFO or 228-5336. War Memorial Gymnasium. 8:30 p.m.

THURSDAY, JULY 23

Chinatown Tour.
 Gourmet cook Ginger Chang leads a walking tour of Chinatown shops and markets, with dim sum lunch. \$30 include lunch. For more information, call 228-2181. 9:30 a.m. to 4:00 p.m.

VST Campus Series.
 Justification. Dr. Markus Barth, University of Basel, Switzerland. Chapel of the Epiphany, Vancouver School of Theology. 7:30 p.m.

Regent College Lecture.
 Future Prospects of the Current Awakening. Prof. Richard Lovelace, Gordon-Conwell Theological Seminary, Massachusetts. Metropolitan Tabernacle, 189 W. 11th Ave. 8:00 p.m.

Music For Summer Evenings.
 Charles Dallaire, clarinet and Bruce Johnson, harpsichord and piano. Recital Hall, Music Building. 8:00 p.m.

Immunology Seminar.
 Lymphocyte Interactions Analyzed by Limiting Dilution Analysis. Dr. Ivan Lefkovits, Basel Institute for Immunology. Salons B & C, Faculty Club. 8:00 p.m.

Notices . . .

Guided Museum Tours

Guided tours through the Museum of Anthropology are scheduled 4 to 5:30 p.m. on Wednesdays from July 15 to August 12. \$3 adults; \$2 students; \$1 children. Pre-registration through the Centre for Continuing Education, at 228-2181.

Campus Garden Tours

David Tarrant, Educational Coordinator, UBC Botanical Garden, will be leading tours of campus gardens from 10 to 11:30 a.m. and 3:30 to 5 p.m. on Thursdays from July 16 to August 6. Cost is \$2 and you can pre-register through the Centre for Continuing Education, at 228-2181.

The Craft of Comedy Writing

Danny Simon, comedy writer, director, producer, will hold a two weekend workshop on writing comedy for all performing fields. Friday to Sunday, July 17-19 and July 24-26. Cost is \$300. For more information, call 228-2181.

Canadian Student Pugwash

The Canadian Student Pugwash invites members of the University community to participate in a Journal Club examining ethical issues arising from scientific research. Meetings are held weekly on Thursdays from 12:30 to 1:30 p.m. in Room 301 of the Hennings building. For more information, call 228-4829.

Stage Campus '81

Hot-L Baltimore continues until July 18 in the Frederic Wood Theatre. Tickets are \$4; \$3 for students. For tickets and reservations, call 228-2678.



These three gorgeous women (left to right, Robin Cox, Ann St. James and Laurel Bryson) have taken up residence in the *Hot-L Baltimore*. If you'd like a closer look, you can see them at the Frederic Wood Theatre until July 18 (see notice on this page for details).

Perception Experiments

The psychology department needs people to participate in some perception experiments — they are interesting and different and you can earn \$3 for each hour. Times are scheduled for your convenience (for instance, lunch time, between classes). Sign up outside Henry Angus 155 or call 228-6458.

Functional Fitness Appraisal

The John M. Buchanan Fitness and Research Centre is administering a physical assessment program available to students, faculty, staff and the public until Aug. 20. \$20 for students; \$25 for others. For more information, call 228-3996 or enquire at Recreation UBC, Room 203, War Memorial Gymnasium

Student Health Services

Summer hours for the Student Health Services, located in Room M-334 of the acute care unit, Health Sciences Centre Hospital, are 8:00 a.m. - 4:00 p.m. from Monday to Friday.

Woodward Biomedical Library

Two exhibits have been recently mounted at the Woodward Biomedical Library. "The Rhododendrons" is a display of floral illustrations from 18th, 19th, and 20th century books and journals. In the Sherrington Room, fish carvings and sketches of artist Tommy Brayshaw can be viewed. Information: 228-4447.

Language Institute

Three-week daytime intensive programs in conversational French and Spanish begin July 13 and Aug. 4. For more information, call 228-2181, local 227 between 10:00 a.m. and 3:00 p.m.

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