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A FIRST FOR CANADA

Reluctant celebrity Margaret Reid amuses her unique baby boy Robbie at Vancouver's Children's Hospital. Robbie, the first child in Canada conceived through in vitro fertilization outside of his mother's body, weighed two pounds two ounces when he was born two months premature on Christmas Day. News of the birth remained a secret at the request of the parents until word leaked out of Vernon, the couple's home town. The UBC in vitro fertilization and embryo transfer team is led by Dr. Victor Gomel, head of the obstetrics and gynecology department. (CP photos)

Chancellor Clyne, 6 others to get honorary degrees

John Valentine Clyne, now completing his second three-year term as Chancellor of the University of British Columbia, will receive an honorary degree from UBC during this year's graduation ceremonies.

Also receiving honorary degrees from UBC will be Henry P. (Budge) Bell-Irving, Leopold L.G. (Poldi) Bentley, Prof. Charles A. McDowell, Saburo Okita, Mstislav Rostropovich and Prof. Thomas Shoyama.

J.V. Clyne, who graduated from UBC in 1923, is a former president of MacMillan Bloedel Ltd. and a former justice of the Supreme Court of B.C. He served on the UBC Senate for nine years, to 1960, and was elected chancellor in 1978.

H.P. Bell-Irving, former Lieutenant-Governor of B.C., was commander of the Seaforth Highlanders of Canada in Italy during the Second World War, and he represented the Allies at the liberation of Holland. He was an active realtor in Vancouver for many years.

Leopold Bentley came to Vancouver from Austria in 1938, to escape the Nazis. He founded Pacific Veneer and Plywood in

1939 with two associates, and the plant became the major supplier of plywood for the famous Mosquito bomber produced by Canada during the 1939-45 war. The

New Zealand forestry expert to give MacMillan Lecture

New Zealand's experience with Radiata pine, the California tree species that is the backbone of the country's intensively managed forest industry, is the topic of this year's MacMillan Lecture at UBC.

The lecturer is Dr. William "Wink" R.J. Sutton, former leader of the Radiata Pine Task Force in New Zealand and currently a scientist at the New Zealand Forest Research Institute and leader of its Exotic Forest Management Group.

He will speak at 12:30 p.m. on Thursday, Feb. 23, in Room 166 of the MacMillan Building.

Dr. Sutton's talk should be of interest to

Canadians, as the management of our forests becomes more intensive.

After much of New Zealand's native forests were destroyed to create farms, a Royal Commission in 1913 recommended creation of large plantations of Radiata pine, a species native to the Monterey Peninsula of California.

Five years later the country's State Forest Service was created and its first director was a former Canadian.

Radiata pine now meets most of New Zealand's demand for lumber and is a major export item.

company became Canadian Forest Products in 1947, and Mr. Bentley still serves as vice-chairman.

Dr. Charles McDowell, a chemist of

international renown, was head of the Department of Chemistry at UBC for 26 years. The University in 1981 appointed Dr. McDowell University Professor, in recognition of his distinguished contributions to the field of chemical sciences and to the University.

Saburo Okita, president of the International University in Tokyo, was foreign minister of Japan in 1979-80. He is renowned as an internationalist, economist, scientist, diplomat and scholar.

Mstislav Rostropovich, internationally-acclaimed conductor, cellist and pianist, is music director of the National Symphony Orchestra in Washington, D.C.

Kamloops-born Thomas Shoyama, a 1938 UBC graduate, is a visiting professor this year at the University of Victoria. He was chairman of the board of Atomic Energy Canada in 1979.

Prof. McDowell will receive an honorary Doctor of Science degree, the others Doctor of Laws degrees.

The 1984 UBC Congregation will be held May 30, 31 and June 1.

GRANT DEADLINES

Faculty members wishing more information about the following research grants should consult the Department Head or Research Services. Call 228-3652 (external grants) or 228-5583 (internal grants Shirley Thompson).

The following grants may be applied for at any time (no deadline has been set by the agency):

- Amoco Foundation Inc. (U.S.)
 - Research
- Atlantic Salmon Federation
 - Project Grant
- AUCC Intl. Development Office
 - Institutional Cooperation Development Linkages
- B.C. Cancer Foundation
 - Pilot Projects in Cancer Research
- B.C. Health Care Research Fdn.
 - Emergency Fund
- British Council
 - Academic Links and Interchange Scheme
- Canadian Cancer Society
 - CCS Travelling Fellowships - Blair Awards
- Canadian Certified General Accountants
 - Research Contract
- Canadian Cystic Fibrosis Fdn.
 - Visiting Scientist Award
- Canadian Diabetes Assoc. (B.C.)
 - B.C. Research Fund
- Canadian Fedn. for the Humanities
 - Aid to Scholarly Publications Programme
- Canadian Intl. Development Agency (CIDA)
 - Institutional Development Linkages
- Center for Field Research
 - Field Research Projects
- Commonwealth Foundation
 - Commonwealth Foundation Lectureships
 - Travel Grant
- Crown Forest Industries Limited
 - Foundation Grants
- Educational Research Inst. of BC (ERIBC)
 - ERIBC Discretionary Grant
- Fitness and Amateur Sport
 - Sport Canada Grants; Res./Testing
- Ford Foundation (U.S.)
 - Research
- Health & Welfare Canada: NHRDP Projects
 - NHRDP Conferences, Symposia, Workshops
 - NHRDP Formulation of Proposals
- Health & Welfare Canada: Welfare
 - National Welfare: Supplementary Publications
- Heritage Canada Document Centre
 - Access to DATA files
- International Development Research Centre
 - Cooperative Research
- International Union Against Cancer
 - Research Technology Transfer Project
- March of Dimes Birth Defects Fdn. (US)
 - Basil O'Connor Starter Research Grants
- Matsumae International Fdn.
 - Matsumae Fellowship
- MRC: Awards Program
 - Career Investigators
- National Cancer Institute of Canada
 - Sabbatical Leave
 - Support for Scientific Meetings
- National Defence Canada
 - Arctic Research Support Program
- National Geographic Society
 - Research
- National Institute of Mental Health (U.S.)
 - Small Grant Program
- National Research Council
 - Contaminants and Pollutants Research
- North Atlantic Treaty Organization
 - Double-jump Program
- NSERC: Fellowships Division
 - Senior Industrial Fellowships
- NSERC: Individual Grants
 - Collaborative Special Projects
 - New Research Ideas Grant
- NSERC: PRAI
 - Project Research Applicable in Industry
- Provincial Sec. & Govt. Services
 - Lottery Fund - Grants
- Queen's University
 - Mineral Resource Policy Research
- Research Corporation (US)
 - Cottrell Research Grants
- Science Council of B.C.
 - Industrial Postdoctoral Fellowships
- Secretary of State
 - Canadian Studies Program
- Secretary of State (B.C. Branch)
 - Native Women's & Native Citizens Program
- Solicitor General Canada
 - Research Contract
- SSHRC: Intl. Relations Division
 - Travel Grants for International Representation

- SSHRC: Secretariat Division
 - Library: Fleeting Opportunities Program
- Technicon Instruments Corp.
 - Research
- United States Air Force
 - Research Grants and Contracts

The UBC Humanities and Social Sciences (HSS) Grants Committee awards grants from the UBC operating budget in the humanities, the social sciences, and the performing and creative arts. Applications from the social sciences must be in areas normally supported by SSHRC. Grants are awarded up to maximum of \$2,500. **Important Note — Spring 1984: Adjudication of applications will not be carried out until the University operating budget for 1984/85 is finalized. Results are not expected to be available before May, 1984.**

All full-time, permanent faculty members of rank assistant professor or higher are eligible providing the work to be supported meets the above criteria. (Visiting faculty and faculty appointed "without review" are not eligible). Application forms, guidelines and further information may be obtained from the Research Services Internal Grants Office, 228-5583.

Physical Ed offers new service

UBC's School of Physical Education and Recreation is offering a new Lifestyle Referral Service to assist in linking the public with lifestyle-related services in Greater Vancouver.

Information on various lifestyle programs and agencies was gathered by students and is made available through a computer program. The data base of more than 400 agencies and programs includes services for weight control, nutrition counselling, smoking cessation, stress management, alcohol control, accident prevention and fitness and exercise.

The computer program searches these programs for specifics such as location, facilities, cost, population served and staff qualifications. An individual wishing to use the Lifestyle Referral Services can either complete a user form and mail it to the referral office or telephone the office.

When the specific needs or requests of an individual are identified, the data base is searched and information on appropriate programs is made available either by mail or telephone.

If you'd like more information about the Lifestyle Referral Service, call 228-3902 or write Lifestyle Referral Service, UBC School of Physical Education and Recreation, 2011 West Mall, Vancouver, B.C., V6T 1W5.

Ecologists meet here

The annual meetings of the B.C. Ecological Reserves Committee and Advisory Board will be held on Friday, Feb. 24 in Salons B and C of the UBC Faculty Club.

The committee meeting will begin at 9:30 a.m. with a welcome by UBC President George Pedersen. It will be open to the public.

The private afternoon meeting of the advisory board, attended by Tony Brummet, B.C. Minister of Lands, Parks and Housing and Minister of the Environment, will be held in the afternoon.

The Ecological Reserve Act of B.C. has so far resulted in 111 ecological reserves in the province. These tracts of land serve as benchmarks preserving classical habitats from human alteration.

A movement is now under way to establish another reserve in B.C., an island in the Nimpkish River at the northern end of Vancouver Island with the tallest living trees in Canada.

The timber has been committed to harvest by Canadian Forest Products Ltd. The company is willing to help preserve the 45-acre island but wants \$1 million in compensation.

A fund-raising campaign is now under way with the endorsement of Mr. Brummet and Tom Waterland, Minister of Forests.

So far, \$7,000 has been collected on the UBC campus.

Children in hospital; parents need support

When children suffering from chronic illnesses are hospitalized for long periods of time, it is inevitable that the situation will be stressful for their parents.

But Janet Knox and Jenny Hayes, assistant professors in UBC's School of Nursing, believe that much of that stress can be reduced with an increased awareness and attitude change on the part of health care professionals.

They have recently completed a study of 41 parents of children suffering from cancer, cardiac problems, kidney ailments, seizures and other chronic illnesses to determine what parents found most stressful about their child's hospitalization.

"In nursing there are a lot of theories about what people think and how they react to certain situations," says Ms. Hayes. "But we were interested in what the parents themselves perceived their needs to be, rather than what we perceived them to be so that we could identify the kind of support that would be most helpful for them."

The two researchers carried out an initial study with parents of children with several different illnesses and a second study with parents of children suffering from cancer. The studies took the form of in-depth interviews with the parents conducted over a period of time.

"The interviews were open-ended," says Ms. Knox. "Parents were encouraged to talk about anything they found stressful about their child's hospital stay. The responses were very similar and it became clear to us that the concerns parents had were common ones."

One of the major concerns of parents was confusion about their role in looking after their child once the hospitalization period began.

"Parents must adapt to a new role when they come to the hospital," says Ms. Hayes. "At home they have been the ones caring for the child, the ones responsible for administering medication; in general, they've been in control."

"When the child is hospitalized the parent's responsibilities are changed or taken away by the health care staff, and it can be confusing and frustrating for them. They want to be good parents but they're not sure how much they are allowed to do for their child and how they fit into the new environment."

"Time and time again in our interviews parents expressed anxiety because they were uncertain about where their authority with their own children lay. It wasn't that they didn't appreciate what the hospital staff were doing, but they needed a clearer idea about where their role in their child's care ended and the health team's role began."

Another recurring concern that emerged was a sense of frustration about the lack of information about their child's condition and care.

"Parents told us they wanted as much information as possible on anything to do with their child's illness. They wanted to know about the day-to-day procedures, what they could expect to happen, definitions of tests and so forth," says Ms. Knox. "Often nurses don't like to talk down to parents and as a result they give them less information than is desired."

"Parents said they realized that they become saturated with information and can't always take it all in at once. So they appreciate it if the same information is repeated to them on several occasions."

"Often this lack of information leads to a distrust of the health care staff," adds Ms. Knox. "The parents said a major cause of stress was the belief that details of their child's health were being withheld from them."

"Many of us in the health care field are guilty of imposing our own values on how much information a parent can cope with," says Ms. Hayes. "Parents in our study indicated clearly that they wanted to be the judge of how much they could tolerate. They can tell when they're not getting the whole story and they become anxious."

Another common topic in the interviews was the value of parent-to-parent support.

"Parents felt that no one could truly understand them unless they'd been there themselves," says Ms. Hayes. "It was very

specific -- parents of children with cancer felt that only the parents of another child with cancer, or even the same type of cancer, could empathize with them. Consequently their best support came from other parents."

"Nurses have to realize that they may be the best provider of technical care, the best provider of information and a whole realm of other areas, but they may not be the best provider of emotional support and therefore they should be directing parents towards people who can meet this need."

"Of course the other side of this situation is that once a bond has been established with another parent they are faced with the emotional strain of another child's illness as well as their own child's. But usually they were able to tell when they could cope with this and when they couldn't."

The two researchers say that several practical applications for nursing care can be formulated from the responses they received from parents.

"Parental involvement in the care of children in hospital is widely acknowledged and practised, but it's obvious that we have to make more of an effort to negotiate with parents and make sure that they are as involved in their child's care as they would like to be," says Ms. Knox.

Both researchers agree that it is essential that communication between health care workers and parents be on-going, and that the hospital staff make a conscious effort to promote a sense of trust between themselves and the parents.

"One obvious way to promote trust is to spend more time talking with the parents about their child's care," says Ms. Hayes. "Many times routine nursing tasks are done in silence. If nurses talked with parents while performing tasks such as bathing the child, a greater rapport and consequently a greater sense of trust on the part of the parents develops."

"The parents are in a very stressful situation and I believe that part of our job as health care workers is to reduce that anxiety as much as possible."

Ms. Hayes and Ms. Knox have spoken to a number of groups in the health care field at the local, national and international level about their findings.

Scholarship fund set up

UBC's Board of Governors has approved establishment of a \$100,000 bursary fund for honors students in the Faculties of Arts and Science who will enrol for more than 16½ units of course work in 1984-85.

Honors students will have to establish financial need to be eligible for a maximum bursary of \$250 in recognition of additional educational costs.

UBC's Office of Awards and Financial Aid will administer the bursary fund, which will be available in the 1984-85 fiscal year only. At the conclusion of the program, a report indicating the number of students who participated and the funds disbursed will be prepared for the Board.

New degree approved

Up to a dozen medical graduates are expected to enter a new program in September that will lead to a Master of Health Science (M.H.Sc.) degree.

It is offered by the Department of Health Care and Epidemiology, Faculty of Medicine.

The new degree, approved by Senate in January and by the Board of Governors earlier this month, may be taken in one of three content areas: Community Health, Occupational Health, or Clinical Epidemiology.

The estimated total enrolment is 12 students a year. Entrants must have a medical degree (M.D.) as well as one year of clinical internship and successful completion of HCEP 400 (statistics for health research) or its equivalent.

There are no budget or space implications in the new program.

