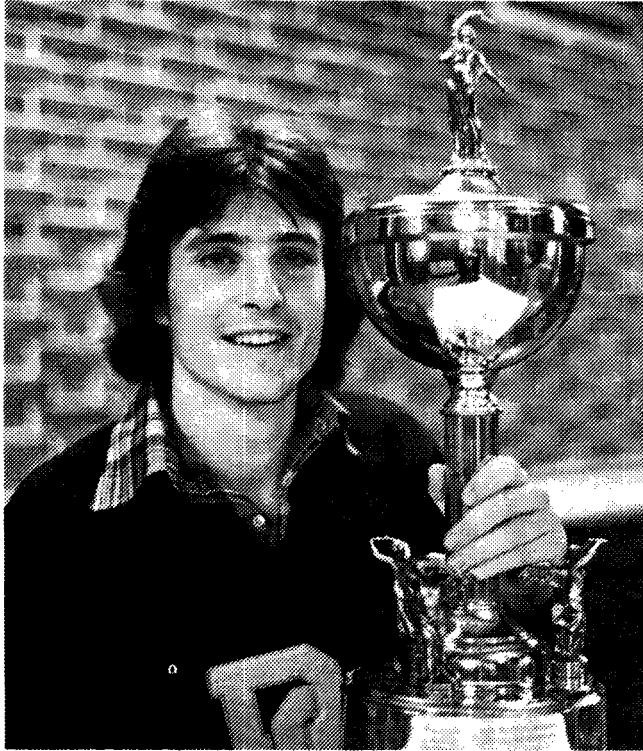


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ubc reports



UBC's top athletes were honored at recent awards banquets. Gary Warner, a fourth-year Science student and captain of the UBC volleyball team, was the recipient of the Bobby Gaul Memorial Trophy as UBC's outstanding male athlete in 1977-78. Winners of distaff honors were, left to right: Sheila Wells, Education 5, winner of the Barbara Schrodt Trophy for outstanding



contributions to women's athletics; Janet Livingston, Arts 4, women's athlete of the year and a member of the volleyball team that won the team-of-the-year award; and Betty-Anne Hole, Commerce 4, winner of the Joan Livesay Award for outstanding sportsmanship, performance and service to field hockey.

— Jim Banham photo

Funds doubled for Youth Employment

The provincial government has told UBC that it will more than double its original allocation of funds to support the 1978 summer Youth Employment Program.

The additional allocation of \$758,000 will mean that a total of \$1,499,000 will be available for the 1978 program, which will provide about 700 students with summer employment in research and community service projects related to their field of study.

Dr. Richard Spratley, UBC's research administrator, said the additional allocation meant that the funds available for the 1978 program would be equal to the 1977 total.

Early in March, the provincial government announced that only \$721,000 would be available to UBC for 1978 YEP projects.

UBC's president, Dr. Douglas Kenny, wrote to the provincial government immediately following

the March announcement expressing his disappointment at the reduced 1978 allocation and asking Hon. Allan Williams, the provincial minister of labor, to reconsider.

UBC's Board of Governors endorsed the president's letter at its March 7 meeting and also voted to request the minister to reconsider the 1978 allocation.

YEP applications and regulations governing the awards are available in offices of the deans of each of UBC's 12 faculties.

Dr. Spratley said the increased allocation will mean assured funding for several projects that have been part of YEP since its inception.

These include: an advisory service for small business firms operated by the Faculty of Commerce and Business Administration; support for the student-run Stage Campus '78, which will put on three plays during summer session in the Frederic Wood

Theatre; and a program under which 55 second-year medical students will be assigned to doctors throughout the province to gain experience in family practice.

A final note

This edition of *UBC Reports* marks the end of our winter publishing schedule. We'll resume regular publication, once every two weeks, in September. *Next Week at UBC* will continue to appear during summer session, announcing events and lectures of interest to summer students and faculty.

Send your notices to Information Services, Main Mall North Administration Building, and we'll try to let the rest of the University community know what's happening.

News from the Board

Spring

UBC's Board of Governors has instructed its chairman, George Morfitt, to write to the chairman of the board of Noranda Mines and to enclose a copy of a brief prepared by the UBC Committee for the Defence of Human Rights in Chile.

The committee appeared before the Board on Tuesday (April 4) to request that the Board exercise its voting rights as a shareholder in Noranda Mines to object to that company's proposed investments in Chile.

A Board statement issued following its Tuesday meeting said the "well-documented submissions" by the committee and others had been carefully considered by the Board, which concluded that "it would be improper for the Board, on behalf of the University of British Columbia, to assign its shareholder's rights for the single purpose of opposing the activities of a company where those activities are consistent with Canadian law."

UBC's Board of Governors has ap-

proved sites for new buildings to house the School of Home Economics and the Department of Psychology and has approved a proposal to locate the Schools of Nursing and Rehabilitation Medicine on the third floor of the new acute-care hospital now under construction in the campus Health Sciences Centre.

The new building to house Home Economics will be built on a site on the East Mall immediately west of the new Library Processing Centre which is currently under construction at the north end of Parking Lot H.

The new psychology building will be built on a site on the West Mall immediately west of the Scarfe Building (Education).

Converted wooden army huts currently on the two sites will be removed to make way for the new buildings.

Planning for the two new buildings and for the third-floor space in the acute-care unit to house Nursing and Rehabilitation Medicine is underway. The total estimated cost of the three projects is \$19.5 million.

NRC grants to faculty up 10 per cent

Grants to UBC faculty members from Canada's National Research Council for the 1978-79 fiscal year are up by 10 per cent over last year.

But the increase is no cause for jubilation, according to UBC's research administrator, Dr. Richard Spratley.

He said the Science Council of Canada estimates that the inflation increase for scientific research in Canada is 15 per cent a year. "An increase of only 10 per cent means we're not holding our own in terms of inflation," he said.

Dr. Spratley said the devaluation of the Canadian dollar is also having a serious effect on research at UBC because much of the expensive and specialized equipment used by researchers has to be purchased in the United States.

NRC grants to UBC for 1978-79 total \$6,545,000 compared to \$5,960,000 last year.

One bright spot in the otherwise gloomy research picture is a major equipment grant of \$310,000 to UBC's chemistry department to aid the purchase of a \$500,000 superconducting nuclear magnetic resonance spectrometer.

The grant is believed to be the largest ever made by the NRC to a

chemistry department at a Canadian university. The machine, which determines molecular structure, will be used for the study of large molecules, many of them of biological interest.

Chemistry department head Prof. Charles McDowell said the machine would be a regional facility that would be used by researchers from other UBC departments and B.C. universities, industrial firms and government laboratories.

Two get Guggenheim awards

Two UBC faculty members have been awarded prestigious Guggenheim Fellowships to continue research in their fields.

Dr. John Hay of the Department of Geography and Dr. Christopher Brion of the Department of Chemistry will both be on leave of absence from UBC next year, doing research with the aid of their fellowships.

Dr. Hay, whose area of interest is solar energy, will be working in Boulder, Colo., in an environmental research laboratory and also at the University of Colorado at Boulder. Using satellite data, he will calculate amounts of solar energy incident on

The all-in-one answer to what to do with your summer is now available at outlets around the campus.

The spring and summer session calendar, which includes courses and

Assault charges la incident at UBC

Three members of Local 882, International Union of Operating Engineers, have been charged by the Crown with common assault as the result of an incident in the UBC power plant on March 25.

Charged are Terry Derouin, Joseph Vizjack and Henry Houston. Derouin is also charged with causing willful damage. All three are scheduled to appear in court in Richmond April 13.

Supervisor Walter Busch, 51, who was working in the power plant on the night of March 25, told police his glasses were broken and that he was beaten about the head and back by three intruders.

He said the men ran back outside

The outlook for medical scientists who receive research funds from the Medical Research Council of Canada is also gloomy, according to Dr. Morton Low, associate dean of UBC's Faculty of Medicine.

He said no information is yet available on the total amount allocated by MRC for research at UBC, but the situation is "likely to be bad" and will be worsened by an MRC decision to postpone all awards for major equipment purchases.

the face of the earth. He will also be setting up a network of 10 solar energy stations between Vancouver and Hope to collect information on how much solar energy is available in specific Lower Mainland areas. A recently-awarded National Research Council grant will fund that project.

Dr. Christopher Brion of Chemistry will be working on the electron spectroscopy of molecules at the Flinders University of South Australia during his leave of absence.

The Guggenheim grants were made to 292 scholars, scientists and artists throughout North America. Twelve were awarded in Canada.

& Summer Calendar Ideas

seminars for credit and non-credit, travel programs, programs especially designed for retired people, programs to help you learn English and programs to immerse you in French, has recently been produced by Extra-

id after power plant

when two other supervisors appeared.

The operating engineers have been on strike at the University since Feb. 21, over a new contract to replace one that expired Dec. 31, 1977. They normally operate the power plant, which provides heat to UBC buildings, but this work has been done by supervisory personnel since the strike began.

The University has offered the operating engineers a 4-per-cent increase in a one-year contract, or a 15-month contract which would provide an initial increase of 3.48 per cent followed by an additional 4-per-cent minimum increase for the final 12 months of the pact, a total increase of 7.48 per cent. Both offers were rejected by the union.

Meanwhile, both sides were represented Tuesday at a meeting with provincial mediator Clark Gilmour. Although nothing was resolved, the talks were to resume today (Thursday).

Sessional Studies.

It used to be thought that spring session (or intersession, as it was formerly called) and summer session were mainly aimed at elementary and high school teachers who wanted to complete their Education degrees. If that ever were the case, it definitely no longer is. Of the 3,900 students who attended summer session last year, only 39 per cent were taking courses in Education, reports Dr. Ken Slade, associate director of Extra-Sessional Studies. He attributes this to "more and more people being students through the 12 months and cutting down on their degree time."

Courses offered this spring and summer span a wide range of disciplines. During the summer session, 274 courses will be offered, slightly fewer than last summer. A total of 82 courses will be offered during the late afternoons and evenings of spring session which begins May 1.

"There's been a tremendous change in the character of spring and summer session over the last 15 years," Dr. Slade says. "It's become much more a part of the academic mainstream."

There's a wide range of non-credit programs outlined in the spring and summer session calendar. If you're interested in non-credit studies of Renaissance treasures and medieval

cities in Italy or a two-week fill of plays in London, study abroad programs offer you that choice. The Reading, Writing and Study Skills Centre lists eight short courses for improving basic skills. These courses are open to students, those wishing to become students, or those who just want to have better communication skills for personal reasons. Courses are offered during the day, evening or on weekends. The Language Institute, a division of the Centre for Continuing Education, offers various non-credit programs in English, French and Spanish, including an immersion program for non-franco-phone French teachers.

Of course, the tremendously successful Programs for Retired People, formerly called the Senior Citizens program, is again being offered. People of 65 years of age and over can take regular undergraduate courses for credit or interest, with no tuition fees, or they can take the special free short courses which are open to retired people aged 60 and over. Gail Riddell at 228-2181, local 270, has details on Education for Retirement Years.

Pick up a copy of the spring and summer session calendar at the Registrar's Office in the General Services Administration Building, or at Extra-Sessional Studies in the Cecil Green Park Coach House, or at the Records Office in the Faculty of Education.

NEXT WEEK AT UBC

Continued from p. 4

WEDNESDAY, MAY 10

8:00 p.m. **MEASURE FOR MEASURE** by William Shakespeare opens and continues until Saturday, May 13. Dorothy Somerset Studio. Admission, \$3; students, \$2. Phone 228-2678 or 228-3880 for information and reservations.

THURSDAY, MAY 11

8:30 a.m. **CHILDREN'S HOSPITAL ROUNDS.** Prof. Harry Winner, Medical Microbiology, Charing Cross Hospital, London, England, on **Candidiasis.** Population Pediatrics Seminar Room, Children's Hospital, 250 W. 59th Ave.

MONDAY, MAY 22

Victoria Day. University closed.

WEDNESDAY, MAY 24

8:00 p.m. **SENATE MEETING.** Interested members of the University community can attend by telephoning Frances Medley, 228-2951. Board and Senate Room, Old Administration Building.

WEDNESDAY, MAY 31

2:15 p.m. **CONGREGATION CEREMONIES** for granting of degrees. War Memorial Gymnasium.

THURSDAY, JUNE 1

2:15 p.m. **CONGREGATION CEREMONIES.** War Memorial Gymnasium.

FRIDAY, JUNE 2

2:15 p.m. **CONGREGATION CEREMONIES.** War Memorial Gymnasium.

THE PRESIDENT'S REPORT 1976-77

The report of President Douglas Kenny to the Senate and Board of Governors for the 1976-77 academic year is now available. To obtain a copy, call Information Services, 228-3131.

UBC YOUTH SPORTS CAMP

The camp will be held from July 3 — Aug. 11 for boys and girls, ages 7-14. There will be three sessions of two weeks each with team and individual sports and outdoor activities. Cost, \$32 per session. Physical Education Centre. For further information and application forms, call Dr. F. Alex Carre, director, Youth Sports Camp, 228-3341.

MUSEUM OF ANTHROPOLOGY

An exhibition of the collected works of **Joe David**, a contemporary West Coast artist, continues until May 31. An exhibition titled **Encounter 1778:** Drawings, watercolors and sketches by John Webber at Nootka Sound, continues until June 30. 6393 N.W. Marine Dr.

FREE LEGAL ADVICE

For those people unable to afford a lawyer, UBC law students are offering free legal advice and do-your-own divorce assistance at evening clinics throughout the Lower Mainland. Each clinic is supervised by lawyers. For information on time and locations of clinics, please call 228-5791 or 872-0271.

OPERATION CROSSROADS AFRICA

Operation Crossroads Africa is seeking faculty and student volunteers for participation in its 1978 work-travel-study program in English- and French-speaking countries in Africa. 1978 dates for the program are July 2 to Sept. 2, preceded by an orientation period beginning June 27. Further information is available from Dr. Colin Smith, International House, or from the organization's headquarters, 150-Fifth Ave., New York, N.Y. 10011.

NEXT WEEK AT UBC

SUNDAY, APRIL 9

3:00 p.m. **MUSEUM OF ANTHROPOLOGY.** Whaling and the west coast people: a slide presentation on the technology and typology by Alan Hoover, assistant curator of ethnology, B.C. Provincial Museum, 6393 N.W. Marine Dr.

MONDAY, APRIL 10

9:30 a.m. **ANATOMY SEMINAR.** Dr. Edmund A. MacKinnon, Anatomy, Queen's University, Kingston, Ont., on **Chromosome Imagery: Myth, Fact, and Fallacy.** Room 300Q, Block B, Medical Sciences Building.

12:30 p.m. **CANCER RESEARCH SEMINAR.** Lan Wei, Cancer Research Centre, UBC, on **The Induction of DNA and Chromosomal Damage by Reducing Agents.** Library, Block B, Medical Sciences Building.

4:00 p.m. **GEOPHYSICS AND ASTRONOMY SEMINAR.** Dr. Peter Conti, University of Colorado, on **Mass Loss in Early Type Stars.** Room 318, Hennings Building.

8:00 p.m. **ARCHEOLOGY LECTURE.** Dr. Larisa Bonfante, New York University, on **The Etruscans in Northern Italy.** Museum of Anthropology, 6393 N.W. Marine Dr.

WEDNESDAY, APRIL 12

12 noon **DEVELOPMENTAL MEDICINE SEMINAR.** Dr. J.P. Skala, Pediatrics, Centre for Developmental Medicine, on **Some Aspects of Cyclic GMP Involvement in Cellular Regulations.** Centre for Developmental Medicine, 811 W. 10th Ave.

PHARMACOLOGY SEMINAR. Dr. Max M. Cohen, Surgery, UBC, on **Prostaglandins: Precise Progress and Prospects.** Room 114, Block C, Medical Sciences Building.

12:30 p.m. **APPLIED MATH AND STATISTICS SEMINAR.** Prof. Bernard Matkowsky, Engineering Sciences and Applied Mathematics, Northwestern University, on **Propagation of a Pulsating Reaction Front in Solid Fuel Combustion.** Room 105, Mathematics Building.

CHRISTIAN OUTREACH small group bible study with Peter David, pastor, Shiloh Youth Revival Centres, Room 200, Scarfe Building.

THURSDAY, APRIL 13

9:00 a.m. **MEDICAL GRAND ROUNDS.** Dr. Alan B. Thomson, Internal Medicine and Gastroenterology, University of Alberta Hospital, Edmonton, on **Newer Aspects of Inflammatory Bowel Disease.** Lecture Hall B, Vancouver General Hospital.

11:30 a.m. **BIOCHEMICAL DISEASES ROUNDS.** Dr. Robert Kivlichan on **Cystic Fibrosis.** Division of Population Pediatrics, Children's Hospital, 250 W. 59th Ave.

12:30 p.m. **SZCZECIN CHOIR OF POLAND,** with conductor Jan Szyrocki, performs **Traditional and Modern Polish Works.** Recital Hall, Music Building.

2:30 p.m. **CONDENSED MATTER SEMINAR.** Phil Kubik, UBC, on **NMR of Hydrogen Monolayers on Graphoil.** Room 318, Hennings Building.

4:30 p.m. **BIOMEMBRANE GROUP SEMINAR.** Dr. Russell Greig, Pathology, UBC, on **The Search for Biological Glue: Proposed Mechanisms for Intercellular Adhesion.** Lecture Hall 1, Woodward Instructional Resources Centre.

FRIDAY, APRIL 14

9:00 a.m. **PEDIATRICS GRAND ROUNDS.** Dr. B. Walker, Nutrition, University of Guelph, Ont., on **B Vitamins and Essential Fatty Acids in Development.** Lecture Hall B, Heather Pavilion, Vancouver General Hospital.

1:00 p.m. **GENETIC SEMINAR.** Dr. B. Poland and Dr. B. Ho-Yuen on **Endocrine Profile in High Risk Pregnancy.** Conference room, fourth floor, Health Centre for Children, 715 W. 12th Ave.

3:30 p.m. **CHEMICAL ENGINEERING SEMINAR.** Dr. David Hasson, Chemical Engineering, Technion Israel Institute of Technology, on **Renovating Water Pipes: A Novel Method Based on CaCO₃ Deposition.** Room 206, Chemical Engineering Building.

SATURDAY, APRIL 15

8:00 p.m. **VANCOUVER PHILHARMONIC ORCHESTRA,** directed by Jerry Domer, and with soloist Marguerite Noye, soprano, performs **Music of Giannini, Tchaikowsky and R. Strauss.** Recital Hall, Music Building.

SUNDAY, APRIL 16

3:00 p.m. **MUSEUM OF ANTHROPOLOGY** honors the basket makers of the West Coast. Demonstration and reception. 6393 N.W. Marine Dr.

MONDAY, APRIL 17

12:30 p.m. **CANCER RESEARCH SEMINAR.** Walter McDonald, Cancer Control Agency of B.C. and Medicine, UBC, on **Epidemiology of Gastro-Intestinal Cancer.** Library, Block B, Medical Sciences Building.

3:30 p.m. **PHILOSOPHY OF PHYSICS.** Prof. David Bohm, Birkbeck College, University of London, on **The Implicate Order: A New Mode of Description in Physics.** Blue Room, Arts One Building.

4:00 p.m. **BIOCHEMICAL SEMINAR.** Dr. David Silbert, Biochemistry, Washington University, St. Louis, Mo., on **Toward Modification of Membrane Lipid Structures with Selective Functional Effects on Cells.** Lecture Hall 3, Woodward Instructional Resources Centre.

TUESDAY, APRIL 18

9:00 p.m. **UBC PUBLIC AFFAIRS** presented by the Centre for Continuing Education, UBC. This week's program is on **A Right to Privacy? — The Lie Detector Test.** Guest speaker is Dr. James Dybikowski, Philosophy, UBC, and president, B.C. Civil Liberties Association. Host, Gerald Savory, Channel 10, Vancouver Cablevision.

WEDNESDAY, APRIL 19

12 noon **ACADEMIC WOMEN'S ASSOCIATION** Buffet Lunch, Salons A, B and C, Faculty Club.

DEVELOPMENTAL MEDICINE SEMINAR. Dr. M.E. Towell, Obstetrics and Gynecology, Centre for Developmental Medicine, on **Maternal and Fetal Tissue PO₂ in a Pregnant Ewe.** Centre for Developmental Medicine, 811 W. 10th Ave.

8:00 p.m. **SENATE MEETING.** Interested members of the University community welcome. Telephone Frances Medley, 228-2951. Board and Senate Room, Old Administration Building.

THURSDAY, APRIL 20

9:00 a.m. **PSYCHIATRY SEMINAR.** Prof. Ernest G. Poser, Psychology, McGill University, on **Is Obesity a Disorder of Conditioning?** Lecture Theatre, Health Sciences Centre Hospital.

FRIDAY, APRIL 21

1:00 p.m. **GENETICS SEMINAR.** Dr. R. Reeves on **Chromatin Structure and the Activity of Genes.** Conference room, fourth floor, Health Centre for Children, 715 W. 12th Ave.

SUNDAY, APRIL 23

3:00 p.m. **MUSEUM OF ANTHROPOLOGY.** The West Coast wolf ritual: an illustrated talk which will examine one of the major rituals of the West Coast people, a century after Cook, by Susan Moogk, museum anthropologist, 6393 N.W. Marine Dr.

MONDAY, APRIL 24

11:30 a.m. **ANNUAL TREE PLANTING CEREMONY** by the graduating class of 1978, Fairview Grove, Main Mall.

12:30 p.m. **CANCER RESEARCH SEMINAR.** Hulbert Silver, Cancer Control Agency of B.C., on **Tumor Associated Antigens as Markers of Cancer Growth.** Library, Block B, Medical Sciences Building.

THURSDAY, APRIL 27

FACULTY GOLF TOURNAMENT and dinner. Morning tee-off at the University Golf Course; dinner at the Faculty Club. Call Dick Hansen, Faculty Club manager, 6507, for more information.

4:30 p.m. **COMPUTING LECTURE.** Dr. J.M. Kennedy, director of UBC's computing facilities, on **Expected Developments in Administrative and Research Computing at UBC in the Next 10 Years.** Room 425, Angus Building.

SUNDAY, APRIL 30

3:00 p.m. **MUSEUM OF ANTHROPOLOGY.** School students analyze the phenomena of Sasquatch and other Humanoid Monsters. 6393 N.W. Marine Dr.

MONDAY, MAY 1

4:30 p.m. **BIOCHEMICAL SEMINAR.** Dr. Fred Sanger, Nobel laureate, MRC Laboratory of Molecular Biology, Cambridge, England, on **Recent Studies on Sequence of DNA.** Lecture Hall 1, Woodward Instructional Resources Centre.

Continued inside