

# NEXT WEEK AT UBC

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

## MUSEUM OF ANTHROPOLOGY

An exhibit of the prints and carvings of Tsimshian artist Roy Vickers continues until March 15. Another exhibit, **Greek and Roman Life in Miniature**, with artifacts from the Royal Ontario Museum, the Seattle Art Museum and the Museum of Anthropology, on display until March 31. Call 228-3825 for hours and admission charges.

### SUNDAY, FEB. 20

3:00 p.m. **MUSEUM OF ANTHROPOLOGY.** Dr. James Russell, Classics, UBC, speaks on **Keeping Clean in the Classical World**, in conjunction with a display currently at the museum.

### MONDAY, FEB. 21 and TUESDAY, FEB. 22

**MID-TERM BREAK** most faculties. Lectures and laboratories cancelled. Library open.  
**UNIVERSITY OF THE AIR.** Angus Gunn, Education, UBC, presents a series on **Personality of the West.** The fourth half-hour program is on **Indians.** Channel 8, BCTV.

### WEDNESDAY, FEB. 23

12 noon **PHARMACOLOGY SEMINAR.** Dr. Thomas C. Hall, Mead Johnson Lecturer in Cancer Chemotherapy, on **A Pharmacological Re-Classification of Anti-Cancer Drugs.** Room 114, Block C, Medical Sciences Building.

12:30 p.m. **SIGMA XI LECTURE.** Prof. Colin Clark, Mathematics, UBC, on **Was the International Whaling Committee a Profit Maximizer?** Salon F, Faculty Club.

**CLASSICS LECTURE.** Prof. Lawrence Bliquez, Classics, UBC, on **Medical Instruments from the Ancient World.** Room 100, Buchanan Building.

**NOON-HOUR TRAVELS WITH ZOOLOGISTS.** Dr. Beverley Green, Botany, UBC, on **Western Samoa: A Real Island in Paradise.** Room 2000, Biological Sciences Building.

3:30 p.m. **STATISTICS WORKSHOP** with Prof. Arthur S. Goldberger, Centre for Advanced Study in the Behavioral Sciences, Stanford University, and Economics and Social Systems Research Institute, University of Wisconsin. Room 321, Angus Building.

4:00 p.m. **HISTORY COLLOQUIUM.** Prof. R. Cole Harris, Geography, UBC, on **Overseas Simplification of Europe.** Salons B and C, Faculty Club.

4:30 p.m. **ANIMAL RESOURCE ECOLOGY SEMINAR.** Dr. Edmund Hobson, U.S. National Marine Fisheries Service, Tiburon, Calif., on **Trophic Relations Among Reef Fishes in Tropical and Temperate Seas.** Room 2449, Biological Sciences Building.

**BIOCHEMICAL SEMINAR.** Dr. Anthony Cerami, Rockefeller University, New York, on **Relationship of Hemoglobin A1c to Diabetes.** Lecture Hall 4, Woodward Instructional Resources Centre.

7:30 p.m. **DENTISTRY SEMINAR.** Dr. David Kennedy, Restorative Dentistry, UBC, on **Recent Advances in Pedodontics.** Salons B and C, Faculty Club.

### THURSDAY, FEB. 24

9:00 a.m. **MEDICAL GRAND ROUNDS.** Dr. R. Evelyn and others on **Intensive Care Unit: Accidental Hypothermia.** Lecture Hall B, Faculty of Medicine Building, Vancouver General Hospital.

12:10 p.m. **WOMEN'S RESOURCES CENTRE** film and discussion series, **Women's Lives.** This week's film is **Rape is a Social Disease.** Room 301, Vancouver Public Library, 750 Burrard St. This series runs every Thursday until March 10.

12:15 p.m. **BIOMEDICAL COMMUNICATIONS** media show. This week's films are **Mini Mouth, Once Upon a Tooth, Dental Impact Injuries and Intravenous Sedation with Diazepam for Dentistry.** Room B8, Woodward Instructional Resources Centre.

12:30 p.m. **SLAVONIC STUDIES LECTURE.** Dr. Ieva Vitins, Reed College, Portland, on **In Search of Essence: Marina Cvetaeva's Dialogues with the Sea.** Room 2224, Buchanan Building.

## ASIAN STUDIES LECTURE SERIES

on different aspects of Chinese culture. Mr. Benny Tsao and associates demonstrate **Traditional Chinese Instrumental Music.** Room 106, Buchanan Building.  
**GREEN VISITING PROFESSOR.** Dr. Eberhard Beithe, historian, City University of New York, discusses **The Work of Dietrich Bonhoeffer, Part 1.** Lecture Hall 2, Woodward Instructional Resources Centre. (Part 2 will be on Monday, Feb. 28.)

**BOTANY SEMINAR.** Dr. Kenneth Wells, University of California at Davis, on **Meiosis in Basidiomycete Fungi.** Room 3219, Biological Sciences Building.

**ENGLISH LECTURE.** Prof. Philip Edwards, head, English, University of Liverpool, England, on **Shakespeare and the Healing Power of Deceit.** Room 104, Buchanan Building.

**HISTORY LECTURE.** Prof. Peter B. Waite, History, Dalhousie University, Halifax, on **The Case Against Sir John A. Macdonald — and Some Answers.** Room 102, Buchanan Building.

**MUSEUM OF ANTHROPOLOGY films: The Coming of the Greeks, and From Rome to Byzantium,** both BBC films. Museum, 6393 N.W. Marine Dr.

**CONDENSED MATTER SEMINAR.** Richard Dee, UBC, on **Magnetic Measurements on Poly-Sulphur Nitride Below 1K.** Room 318, Hennings Building.

**PHYSICS COLLOQUIUM.** F. L. Curzon, Physics, UBC, on **How and Why Millipedes Make HCN.** Room 201, Hennings Building.

**SLAVONIC STUDIES SEMINAR.** Dr. Ieva Vitins, Reed College, Portland, on **Mandelstam's Journey to Armenia.** Penthouse, Buchanan Building.

**BIOMEMBRANE SEMINAR.** Dr. Steven E. Mayer, Pharmacology, University of California at San Diego, on **The Role of Cyclic AMP in Coupling Cardiac Receptors to Adrenaline to Intracellular Responses in Cardiac Muscle.** Lecture Hall 1, Woodward Instructional Resources Centre.

**CIVIL LIBERTIES MEETING.** Dr. G. Scott Wallace, MLA, discusses **Issues of the Administration of the Human Rights Code in British Columbia,** and of the **Private Citizen's Access to Government Information.** International House. For further information, call Therese Spitzer, 224-4924.

**ENVIRONMENTAL SLIDE SHOW AND DISCUSSION.** led by Prof. Irving K. Fox, director, Westwater Research Centre, UBC, on **Environmental Policy in British Columbia — the case of the Spatzizi.** Ballroom, Place Vanier Residence.

**UBC PUBLIC AFFAIRS** presented by the Centre for Continuing Education, UBC. Dr. Bill Stanbury, Commerce and Business Administration, UBC, discusses **White Collar Crime: Corporations and Consumer Legislation** with host Gerald Savory, Channel 10, Vancouver Cablevision.

### FRIDAY, FEB. 25

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

9:00 a.m.

3:30 p.m.

# ubc reports

SPECIAL COLLECTIONS

Vol. 23, No. 3, Feb. 16, 1977. Published by Information Services, University of B.C., 2075 Westbrook Mall, Vancouver, B.C. V6T 1W5. ISSN 0497-2929. J. A. Banham and Judith Walker, editors.



**Winners of all the prizes in a recent Latin sight-reading contest sponsored by the Classical Association of Canada is this quartet of fourth-year UBC Arts students. Left to right are: Eric Csapo, winner of first prize and a cash award of \$50; Nigel Kennell, who won second prize and a cash award of \$30; Meg Miller, who won a \$15 area prize for the western provinces; and Lindsay Martin, winner of third prize and a cash award of \$20. Some 50 students at a dozen Canadian universities took part in the competition. Students were given 1½ hours to translate into English prose a passage of Latin written by Julius Caesar.**

## AUCE negotiations slowed

UBC and Local 1 of the Association of University and College Employees are making little progress in current negotiations for a new collective agreement.

Bob Grant, UBC's director of Employee Relations, said little effort has been made by the union to resolve major issues, including salaries, an improved mechanism for handling employee classification, and a simpler grievance procedure.

UBC and the union have been negotiating since mid-August, 1976. A total of 38 meetings have been held, 19 of them with Jock Waterston, a mediator appointed by the provincial Department of Labour at the request of AUCE.

Initially the union asked for a monthly increase of \$191, plus 7½ per cent.

Mr. Grant said there are some 65 clauses the union wishes to change in the collective agreement that expired on Sept. 30, 1976.

Last week the union voted to abide by an AIB ruling that will roll back from 19.1 per cent to 15 per cent the increase the union received after a one-week strike in December, 1975. The union has also agreed to rolling back the increase by reducing existing wage scales by \$32 a month.

Mr. Grant said he hoped that resolution of the roll-back issue would lead to some real progress in negotiating a new collective agreement.

cent. The University has offered 6 per cent in wages and benefits, which is based on its ability to pay.

Nearly 13,400 students reported their summer earnings. Excluding first-year and graduate students, median earnings were \$2,528 for men and \$1,698 for women. This represents an increase of \$338 for men and \$218 for women over median earnings in the summer of 1974.

"The difference between men and women students' median summer earnings remains substantial with the dollar gap between the two increasing," the Student Services report says. But the percentage difference is narrowing.

"In 1972, the men's median was \$575 higher (than the women's), in 1974 it was \$710 higher, and in 1976 it was \$830 higher."

However, if women's median earnings are expressed as a percentage of men's median earnings, then the earnings of women students relative to those of men show an improvement. In 1972 the women's median was 62.8 per cent of the men's median, in 1974 it was 67.6 per cent and in 1976 it was 69.4 per cent," the study says.

For men, the highest median earnings were reported by students in

Continued on p. 3. See JOBS.

## Summer job situation better for students

This year's UBC students who wanted work in the summer of 1976 had little trouble finding jobs. They earned considerably more in 1976 than they did in 1974, but only a minority saved enough money to finance an entire year at UBC.

These are the main points that emerge from a study by the Office of Student Services. The Alma Mater Society backed the survey and provided a grant to help collect information during registration week last September.

More than 16,800 students filled out the Student Services questionnaire, a 73.3 per cent return based on a total enrolment figure of nearly 23,000 students as of Oct. 1.

A total of 81.6 per cent of the students replying said they sought summer jobs in 1976 and 96.6 per cent of the men and 93.7 per cent of the women said they got work. These percentages are almost identical with figures for 1974, the last year for which comparable statistics are available.

Nearly 13,400 students reported their summer earnings. Excluding first-year and graduate students, median earnings were \$2,528 for men and \$1,698 for women. This represents an increase of \$338 for men and \$218 for women over median earnings in the summer of 1974.

"The difference between men and women students' median summer earnings remains substantial with the dollar gap between the two increasing," the Student Services report says. But the percentage difference is narrowing.

"In 1972, the men's median was \$575 higher (than the women's), in 1974 it was \$710 higher, and in 1976 it was \$830 higher."

However, if women's median earnings are expressed as a percentage of men's median earnings, then the earnings of women students relative to those of men show an improvement. In 1972 the women's median was 62.8 per cent of the men's median, in 1974 it was 67.6 per cent and in 1976 it was 69.4 per cent," the study says.

For men, the highest median earnings were reported by students in

# UBC People

Two engineering students at the University of British Columbia, members of a team constructing an electric car, have won second prize in an international contest sponsored by an American magazine and a company that manufactures microcomputers.

**Peter van der Gracht** and **Konrad Mauch** will receive an Intellect MDS-800 Microcomputer Development System, valued at \$4,000.

The competition, to determine possible uses for a microprocessor/microcomputer, attracted entries from students, professors, consultants and practising engineers in the U.S., Canada, Europe and the Middle East. First prize went to an entry from Colorado and third prize to an entry from Israel.

The UBC students won second prize for "a microprocessor-controlled three-phase power inverter that achieves flexible control of the drive system of an electric car, using techniques that can also be applied to transit and rail vehicles and to variable speed industrial drives."

Peter van der Gracht said the microcomputer monitors and controls the functioning of the engine in the electric car. It also monitors driver action, intervening between driver and engine to provide the most efficient operation of the vehicle.

Van der Gracht and Mauch emphasized that they are members of a team developing the electric vehicle and said credit for their contest success must also go to engineering students Norm Campbell, Eric Stanley,

Basil Peters, Jan Vanderstar and Keith Becker.

The contest was sponsored by *Computer Design* and Intel.

The UBC electric vehicle, unveiled last year at Habitat Forum, is expected to undergo road trials this spring, probably late in April.

\* \* \*

Two familiar campus figures completed a total of 72 years of service to UBC at the end of 1976.

They are: **Jack Hunter**, consultant to the Bookstore and director of Campus Mail; and **John F. McLean**, director of Personnel Analysis and Policy.

Mr. Hunter, who has retired after 41 years at UBC, started his career as a storekeeper in the Department of Chemistry in 1935. He became bookstore manager in 1940. At the time of his retirement, Mr. Hunter had the longest service of any UBC employee.

Mr. McLean, a UBC graduate, joined the University as a student counsellor in 1945 after distinguished service in the Canadian army during the Second World War. He was director of personnel and student services from 1948 until 1962, when he was named director of Personnel, Labor Relations and Ancillary Services.

In 1975, he was named to a new position as director of Personnel Analysis and Policy with responsibility for long-range studies on a variety of matters.

## The music box

**WEDNESDAY, FEB. 23**

**12:30 p.m. NOON-HOUR CONCERT.** Hans-Karl Piltz, Smyth Humphreys, violas; Hans Siegrist, cello, play *Music of Haydn, Stravinsky and Hummel*. Recital Hall, Music Building.

**THURSDAY, FEB. 24**

**12:30 p.m. UNIVERSITY SYMPHONY ORCHESTRA**, directed by Douglas Talney, plays *Music of Ravel, Bartok and R. Strauss*. Old Auditorium.  
**7:00 p.m. UBC WIND SYMPHONY**, directed by Martin Berinbaum, plays *Music of R. Strauss, Milhaud and Haydn*. Recital Hall, Music Building.

**FRIDAY, FEB. 25**

**8:00 p.m. UNIVERSITY SYMPHONY ORCHESTRA**, directed by Douglas Talney, plays *Music of Ravel, Bartok and R. Strauss*. Old Auditorium.

**SATURDAY, FEB. 26**

**8:00 p.m. STUDENT RECITAL** with *Music for Solo Organ and Brass Ensemble with Organ*. Recital Hall, Music Building.

researchers to look at a number of traits simultaneously.

Dr. Boshier has been given the first Imogene Okes Award of the Adult Education Association of the United States "in recognition of high scholarship and total commitment to analysis, interpretation and growth of adult education and its future contributions to society and the individual."

Dr. Boshier received the award for a paper published in the journal *Adult Education* entitled "Factor Analysis at Large: A Critical Review of the Motivational Orientation Literature." The paper summarized five years of research by Dr. Boshier.

\* \* \*

**Dr. Marilyn D. Willman**, a woman with hospital nursing experience and a distinguished career as an academic and as an administrator, has been appointed director of UBC's School of Nursing, effective July 1, 1977.

She succeeds **Dr. Muriel Uprichard**, who retires June 30.

Dr. Willman, president of the state-wide University of Texas System School of Nursing, was the unanimous choice of the selection committee, which included nursing students and faculty, faculty from allied disciplines at UBC and representatives of the off-campus nursing profession.

## Lecture disruptions investigated

In response to a number of recent inquiries from faculty members, President Douglas Kenny yesterday (Tuesday) made the following statement:

"I have received formal complaints that some members of the University community participated in the disruptions of the lectures given here by Mr. Harry Schwarz in October.

"At the time of these incidents, the Senate unanimously passed a resolution deploring such disruptions and stating that 'the denial of the right of free speech to a visitor to the University is a total rejection of the values on which the University is founded... Such undemocratic refusal to grant a fair hearing to any person's views is not acceptable behavior by any member of the University.'"

"I fully agree with the position taken by the Senate.

"These complaints are being looked into carefully. The issue is whether a member of the University has actively interfered with another person's freedom of speech at the University. The issue is not any individual's political beliefs or private activities."

## JOBS

Cont'd from pg. 1

Forestry (\$3,185), Law (\$3,082), Applied Science (\$2,934) and Commerce (\$2,887). The highest median earnings for women were reported by students in Forestry (\$2,700) and Law (\$2,287).

Men and women students also reported increased gross savings in 1976 over 1974. Mean or average savings for undergraduates, but not first-year students, were \$1,575, an increase of \$267 over 1974. Mean savings for women undergraduates in 1976 were \$1,129, an increase of \$190 over 1974.

A cost of \$2,400 is frequently cited as the minimum required to finance a university year, the study says. "Using that amount, approximately 20 per cent of the men and 7 per cent of the women would be classified as self-supporting from summer earnings."

More than 4,100 students said they had a part-time job during the 1976-77 winter session.

A. F. Shirran, director of Student Services, said caution had to be used in interpreting some of the figures in the report. However, the data can be useful in making comparisons and noting trends, he added.

A spokesman for the placement division of the Office of Student Services said it is too early to make predictions about the availability of summer jobs in 1977. Registration for summer jobs began Tuesday Feb. 1.

Guidelines and application forms for the 1977 summer job program funded by the provincial government should be available early in March in the offices of campus deans and department heads.

UBC's research administrator, Dr. Richard Spratley, said he expects that UBC will receive about \$1.2 million to support projects which provide career-related summer jobs.

This year, for the first time, first- and second-year students will be eligible for the program at a monthly salary of \$550. Students in third, fourth and fifth year will be paid \$650 a month, and students registered in graduate studies, architecture, dentistry, law and medicine will be paid \$750 a month. To be eligible, students must be Canadian citizens or landed immigrants and must have been registered full-time at UBC in 1976-77.

Proposals may be formulated by students, faculty or both and must be approved by the department and faculty before being forwarded by the dean to the research administrator. Projects must be supervised by a full-time member of UBC's academic or administrative staff.



—Jim Banham photo  
**Second-year law students Marc Gold, Barry MacDonald, left to right, are boning up on international law these days in preparation for the Canadian finals of the annual Philip Jessup International Law Moot Court to be held at UBC on Feb. 25 and 26. Teams of students from 11 Canadian law schools will take part in the mock trial. They'll argue an international law problem on the sale of nuclear technology before teams of three judges beginning at 1:00 p.m. on Feb. 25 in the law building moot court room. The fourth member of the UBC team is second-year law student Sally Hastings.**

A native of South Africa, Mr. Getz received the degrees of Bachelor of Arts and Bachelor of Laws at the University of Capetown. He also holds the degrees of Master of Laws from the London School of Economics and Harvard University.

Mr. Getz was a member of the UBC law faculty from 1962 to 1973, when he resigned to join the law school at the University of Toronto. His special interests are in corporate and security law, civil justice and the judicial system, and law reform.

\* \* \*

Two UBC psychologists have won international awards from professional organizations for their research.

They are **Dr. Ralph Hakstian**, associate professor in the Department of Psychology, and **Dr. Roger Boshier**, a social psychologist and assistant professor of adult education in the Faculty of Education.

Dr. Hakstian has won the Raymond B. Cattell Award of the Society of Multivariate Experimental Psychology, which limits its membership to 60 persons. He is one of five Canadian members. Another is UBC psychologist Dr. Jerry Wiggins.

Dr. Hakstian specializes in the analysis of research data that involves many variables. He has developed mathematical techniques which allow