

# U.B.C. REPORTS

UNIVERSITY OF BRITISH COLUMBIA, Vancouver 8, B.C., is a provincial, coeducational university of 5,800 students.  
Norman A. M. MacKenzie, President.

MAY, 1955



**FRANCIS JAMES BURD**  
... Doctor of Laws



**ETHEL D. WILSON**  
... First Doctor of Letters



**HAROLD L. CAMPBELL**  
... Doctor of Laws



**JOSEPH A. PEARCE**  
... Doctor of Science



**ROBERT W. MAYHEW**  
... Doctor of Laws

## Five British Columbians Are Honored By University

Five British Columbians who have won distinction in the fields of international affairs, letters, science, education and publishing received honorary degrees at the University of British Columbia's spring Congregation ceremonies, May 16 and 17, in the Armouries on the campus.

Nearly 900 students were awarded their degrees at the same time.

Speaker on May 16 was Joseph A. Pearce, Director Emeritus of the Dominion Astrophysical Observatory in Victoria, who received the degree of Doctor of Science (Honoris Causa). Robert Wellington Mayhew, former Canadian Ambassador to

Japan and former Minister of Fisheries, and Francis James Burd, veteran Vancouver newspaperman and retiring member of the University of B.C. Senate, had degrees of Doctor of Laws (Honoris Causa) conferred upon them.

### INVOCATION

Invocation at the first day ceremonies was pronounced by Rev. John Grant, Dean of Residence, Union College. Degrees awarded were the M.B.A., M.Sc., M.A.Sc., M.S.A., M.S., LL.B., B.Ed., B.Com., B.A.Sc., B.S.N., B.Arch., B.S.A., B.S.F. and M.D.

The Hon. Harold L. Campbell, Deputy Minister and Superintendent of Education, and Ethel Davis Wilson, noted B.C. author, received the degrees of Doctor of Laws (Honoris Causa) and Doctor of Letters (Honoris Causa), respectively, on May 17. The Rev. William A. Ferguson pronounced the invocation, and Mr. Campbell gave the address.

Mrs. Wilson received the first honorary Doctor of Letters degree ever conferred by the University.

Students receiving degrees on the second day of Congregation included the Ph.D., M.A., B.A., M.S.W., B.S.W., B.H.E., B.P.E.

Approximately 100 students who received their diplomas in Teacher Training, Hospital Administration and Criminology this spring were acknowledged in the May 16 exercises. Ceremonies on both days began at 2:30 p.m. and were followed by tea in Brock Hall.

Baccalaureate services for the Class of 1955 were held May 15, in Brock Hall. Dr. Norman A. M. MacKenzie delivered the invocation and Rev. John Grant of Union College gave the sermon. Music was provided by the John Oliver High School Choir, directed by Sherwood Robson, who was also organist for the baccalaureate services. The Scriptures were read by John Nodwell, president of UBC's senior class, and Dorothy Brown, class secretary.

## Teen-Agers To Hear About University

High school graduates in nearly forty communities will hear about the University of British Columbia, first-hand, during the months of May and June.

Travelling "teams" of UBC faculty members will address special meetings of Grade 12 and 13 students in nearly forty communities, telling them about the University, answering questions and conducting personal interviews.

Speakers and their itineraries include:

Alumni Executive-Secretary Art Sager and Stanley E. Read, Department of English: Cranbrook, May 19; Kimberley, May 10; Fernie, May 11 and Creston, May 12. Sager: Williams Lake and Quesnel, May 24; Prince George, May 25.

Dr. M. Dorothy Mawdsley, Dean of Women, and Gordon Selman, Assistant Director of

Extension: Duncan and Ladysmith, May 10; Nanaimo, May 11; Alberni and Cumberland, May 12; Courtenay and Campbell River, May 13.

James W. Wilson, School of Commerce, and Robert F. Os-

borne, Department of Physical Education: Haney and Mission, May 11; Langley Prairie and Abbotsford, May 12; Chilliwack and Hope, May 13.

Dr. James G. Parr, Department of Mining and Metallurgy, and Dean A. Whit Matthews, Faculty of Pharmacy: Trail, Rossland and Nelson, May 24-27.

Ira M. Robinson, School of Architecture, and Dr. Cedric Hornby, Department of Horticulture: Ashcroft, Kamloops, Enderby, and Armstrong, May 24-27.

Charles B. Bourne, Faculty of Law: Ocean Falls, May 12.

Dr. Barnett Savery, Chairman of Philosophy and Psychology, and Dr. Kenneth F. Argue, School of Education: Princeton, Keremeos, Penticton and Oliver, June 1-3.

### 'GOODBYE' FOR NOW

Well, this is it for the 1954-55 school year! "UBC Reports" takes a holiday until the University opening in the autumn. In the meantime, news of UBC will be carried in your community newspapers. Specific requests for any information should be addressed to the appropriate department on campus.

## Alums Hear Art

Alumni Association Executive Secretary Art Sager has scarcely had time to unpack his suitcase since the first of the year.

Art flew to Edmonton to address the inaugural dinner meeting of their new UBC Alumni Branch on April 27. Visits to the East Kootenay and the Cariboo are scheduled for later this month.

# Variety of Instruction Available at UBC's Summer School



**ROD SAMPLE**  
... sets, stagecraft



**ROBERT DAVIDSON**  
... painting, sketching



**ROBERT ALLEN**  
... T.V. writing



**DR. TYRONE GUTHRIE**  
... drama production

## UBC School Of Social Work Marking 25th Anniversary

Nearly 900 University of British Columbia Social Work graduates, scattered throughout the world, have received invitations to participate in the 25th anniversary celebration of UBC's School of Social Work.

Special religious services for social workers have been held at Beth Israel Synagogue, Holy Rosary Cathedral and Christ Church Cathedral. Rabbi David Kogen conducted the Beth Israel services. The Most Rev. W. M. Duke said Mass for all social workers in Holy Rosary Cathedral, and Dean Northcote Burke officiated at Anglican Evensong services.

### REUNION BANQUET

A reunion banquet for all University of B.C. Social Work graduates will be held at 7:30 p.m., May 20, in Brock Hall on the UBC campus. Dr. Katherine Kendall, Education Consultant for the New York Council on Social Work Education, will address the gathering. The program will also include a "Cavalcade of Social Work" presented by local alumni.

First of two publications marking the School's anniversary will be off the presses June 1. Arthur Abrahamson, UBC Instructor in Social Work, has compiled a 300-page volume entitled "Social Work Practice in Canada: Case Records and Examples for Study and Teaching." First of its kind to be published in Canada, the book is designed for teaching in Schools of Social Work and for in-service training programs of public and private agencies.

### PUBLICATIONS

A fall publication date has been set for a collection of papers by graduates and staff members of UBC's School of Social Work.

General chairman of the School of Social Work reunion committee is Mildred M. Wright. Assisting her are Suzanne Camp-

bell, vice chairman, and Boris Steiman, secretary. Committee members include Vaclav Hromadka, Donald Bliss, Mae LeHuquet, Rose Blinder, Catherine Collier, Gladys Reid, Brigitta Balla, Walter Rudnicki, Mrs. Alan Fraser, Noreen Anderson, Margaret Wightman, Dorothy Begg, Margaret Stewart, Mary Nicholson, Elizabeth Lee, Ursula Whitehead, Mrs. Ian Cameron, Aileen Mann and Cecil Gorby.

Class representatives include Margaret Dick, Mrs. Del Finlay, Mrs. Eric Kelly, Mrs. George Weld, Mary Nicholson, Mrs. A. F. Rader, Mrs. Stanley Weston, Anna Ruth McMaster, Rose Blinder, Frances McCubbin, Tim Hollick Kenyon, Josie Wong and Jerry Webb.

## Empire Pool Opens For Summer Season

Empire Pool will open May 16 to coincide with Water Safety Week, UBC officials have announced.

Public swimming hours will be from 12-4 and 8-9 on weekdays and from 1-6 p.m. on Sundays from May 16 to June 26. After June 27 the hours will be 2-5 and 6-9 p.m., weekdays, and 1-6 p.m., Sundays.

Admissions will be: children under 12, 25 cents; students, 10 tickets for \$2.50; adults, 50 cents. Adults may purchase monthly passes at \$5 per month during July and August and at \$4 per month during June and September.

Swimming instruction will be offered at the rate of \$3 for six half-hour lessons. A special family rate of \$5 for two children, with each additional child enrolled for \$1, has been

## Harvard Calls Dean Curtis

Prof. George F. Curtis, Dean of the University of British Columbia's Faculty of Law, has been appointed Visiting Professor of Law at Harvard University, Cambridge, Mass., for the 1955-56 school year, UBC officials have disclosed.

During Dean Curtis' absence, Dr. Malcolm M. McIntyre will be Acting Dean of Law at the University. Dean Curtis will assume his Harvard duties about the middle of September and will teach "Contracts" and "International Income Tax Law" at the famous institution.

"We feel this is a signal honor to the University of British Columbia and to Dean Curtis," said UBC President N. A. M. MacKenzie. "This is one of the few occasions upon which Canadians have been invited to Harvard. It will mean an even more intimate association between our university, our Faculty and Harvard Law School than in the past."

Dean and Mrs. Curtis will travel abroad for two months this summer. He will attend the meeting of the United Kingdom Society of Public Teachers of Law in Edinburgh from July 13 to July 16 and will represent the Law Society of British Columbia and the Canadian Bar Association at the Commonwealth Law Conference in London, July 20-27. He will give a paper on legal reform at this meeting and will lecture to members of the English Speaking Union.

## Frank Forward Honored By Metallurgical Group

Prof. Frank A. Forward, Head of the University of British Columbia's Department of Mining and Metallurgy, received International Nickel Company of Canada's platinum medal for "outstanding metallurgical achievement" in Toronto last month.

The award was presented at the annual dinner meeting of the Canadian Institute of Mining and Metallurgy. More than 1,000 members present saluted Professor Forward with a standing ovation.

### ACHIEVEMENTS

The Vancouver man was cited for his "outstanding achievements in the treatment of metalliferous ores, and particularly for his discovery and development of the leaching process for the extraction of nickel, copper and cobalt from the Lynn Lake ores of Sherritt Gordon mines."

Henry S. Wingate, Inco president, who made the presenta-

tion, remarked that when the award was established 13 years ago for outstanding metallurgical achievement, the donors had not anticipated that the day would come when a rival company would win distinction in the field of nickel metallurgy.

### BEST AVAILABLE

"Inco," he said, "has combed the universities of the world to find the best brains available. Obviously, as Professor Forward has proved, we did not garner them all."

A committee appointed by the Canadian Institute of Mining and Metallurgy administers the Inco award.

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Dorothy Coryell and Nancy West,  
University Information Office

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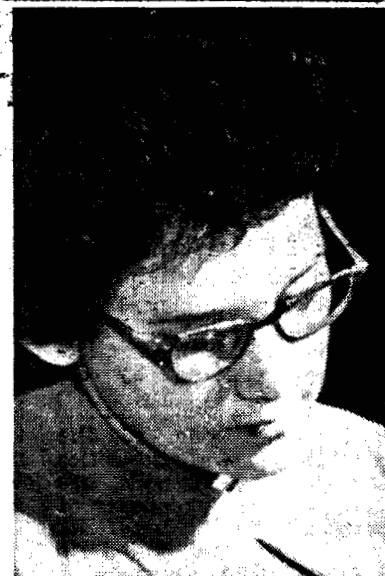
**ROBERT GILL**  
... acting classes



**TOM HARDY**  
... sculptor's workshop



**NICHOLAS GOLDSCHMIDT**  
... opera director



**MARTHA MIDDLETON**  
... ceramics

## Home Ec Girls On New Jobs

Far cities beckon 30 Home Economics' graduates and faculty members to conventions, jobs and holidays.

Twelve members of the 1955 graduating class will be appointed dietetic internes in Montreal, Toronto, Edmonton and Portland, Ore. hospitals. An equal number of Home Economics graduates will attend summer school in Victoria in preparation for teaching assignments in B.C. schools next September.

Three members of the faculty, Margaret MacFarlane, Winifred Bracher and Marion Seymour leave early this summer for a tour of Europe. Mary Holder, Associate Professor in Home Economics and vice-president of the Canadian Dietetic Association, will attend the C.D.A. convention in Toronto late in June.

Charlotte Black, director of the School of Home Economics at the University, will also attend the C.D.A. convention and the Canadian Home Economics Association board meeting in Winnipeg.

## Camping Course Planned For May

Sessions on setting up camp, campsite information, equipment, campcraft and camp cooking will be included in a short course on Family Camping which will begin at the University about the end of May.

Information about the course may be obtained from the Family Life and Group Development Service, Extension Department, University of B.C.

## Attends Meeting

Prof. Earle D. MacPhee, Director of the School of Commerce and Honorary Bursar of the University, attended the recent meeting of the Western Association of Business College Officers at Tucson, Arizona. He presented a paper on "Organization Developments to Meet the Anticipated Increase in Enrollment."

## Lecture Series Set For Summer School

A July 4-August 19 series of noon-hour and evening lectures on campus has been planned by the student Summer School Association and the Summer Session committee.

Lecturers will include: Dr. Tyrone Guthrie, well-known English producer and a director of the Stratford Festival in Stratford, Ont.; Dame Olive Wheeler, formerly Dean of the Faculty of Education at the University of Cardiff; Dr. Samuel R. Laycock, Dean Emeritus of Education at the University of Saskatchewan; Dr. Frederick E. Ellis, Associate Professor of History and Philosophy at the University of Minnesota, and Professor Northrop Frye, Head of the Department of English, University of Toronto.

## A-V Supervisor At L.A. Meeting

UBC Supervisor of Audio-Visual Services, Norman Barton, represented the University at the annual meeting of the Department of Audio-Visual Instruction, National Education Association, in Los Angeles late in April. He also visited schools and universities in San Francisco, Oakland and Pleasanton, California.

Barton was the only Canadian delegate to attend the western meeting of the Medical Audio-Visual Institute of the American Medical Association, also held in Los Angeles.

A new color feature, "School Board in Action," has been added to the University's Film Library. The 27-minute picture shows a typical, community school board in action, and follows a candidate for election to the board from his first appraisal of the job to taking the position.

## At Summer School

Dr. Vladimir Okulich, Chairman of the Division of Geology, will teach Geo. 200 (General Geology) during summer session.

## Faculty Summer Junkets Take Them Far And Wide

The "great trek" is underway. Travel, research and teaching assignments are calling University of B.C. faculty members and students far from the Point Grey campus.

Dr. N. A. M. MacKenzie leaves May 27 for a tour of Australia and New Zealand, made at the invitation of the Australian Universities. These institutions invite "a distinguished university man to visit Australia and to tour the Australian universities each year." Sir Charles Morris of the United Kingdom was their 1954 guest.

Dr. MacKenzie has also been invited to visit the Hebrew University in Jerusalem, and the universities of Alaska and Japan, but pressure of work at UBC has forced him to decline.

Dean and Mrs. Geoffrey Andrew leave May 18 for Europe. The President's Deputy will visit universities in England, France and Germany before he returns in August.

### FROM FRENCH

Seven Department of French faculty members will leave the campus this summer for study abroad and for teaching assignments at other Canadian schools.

Dr. Lawrence L. Bongie, Dr. Gerard Tougas, Pierre Robert and Dr. Katherine Brearley will spend the summer in France. Dr. Bongie is taking a year's leave of absence from the University to continue studies abroad. He will do research on "David Hume's Influence on French Thought."

Dr. Peter Dembrowski will be teaching Summer School classes at the University of Alberta; Ronald R. Jeffels will instruct army officers in French at the R.M.C. (Kingston, Ont.) Summer Course, and Dr. Vaclav Mudroch will leave the University early in the summer to study in Toronto.

Dr. Mudroch, 31-year-old lecturer in French at the University, became the second Canadian ever to be awarded the \$2000 Woodrow Wilson fellowship for graduate study early in April. He will use his award for work in medieval history at the University of Toronto.

### OCEANOGRAPHY RESEARCH

Two research projects will be undertaken by the University's Institute of Oceanography this summer in B.C. inlets under grants from the National Research Council and the Defense Research Board.

Dr. Robert F. Scagel, Assistant Professor of Biology and Botany, will continue his investigations of marine life in Saanich Inlet aboard the C.N.A.V. "Ehkoli." Dr. George L. Pickard, Physics professor, will work with graduate students in Bute, Knight and Smith Inlets, aboard the H.M.C.S. "Cedarwood."

Two members of the Physics Department, Dr. George Michael Volkoff and Dr. Frederick Augustus Kaempffer, have been asked to give papers at a meeting of the American Physical Society to be held at Toronto in June.

Dr. Volkoff will also give two lectures in a series arranged by the National Research Council in honor of Nobel Prize winner Professor Paul A. M. Dirac of Cambridge University.

Dr. Ping-ti Ho, Assistant Professor of History at the University, left the campus early in May to continue his research on Chinese Social History at Harvard, Columbia and the U.S. Library of Congress. Dr. Ho has been awarded a research grant to continue his summer work.

A second research grant has been awarded History Department instructor John Norris, who will receive his Ph.D. from Northwestern University in June. Norris will study all available material on Lord Shelburne at the Clements Library, University of Michigan, this summer.

### HISTORY

Three faculty members from the Department of History will attend meetings in eastern Canada this summer. A fourth, Prof. Geoffrey O. B. Davies, will lecture at the University of Alberta's summer session.

## Cytologist To Lecture

Dr. Charles Pomerat, Professor of Cytology at the University of Texas, will deliver UBC's first York Lecture on "Tissue Culture in Experimental Medicine" at 8:30 p.m., May 17, in the auditorium of the St. Paul's Hospital Nurses' Home. The lecture is co-sponsored by St. Paul's Hospital.

Dr. Pomerat, one of the world's best known authorities on tissue culture methods, has been one of the pioneers of cine-photography in this field. Scientists who contributed to polio research studied growth of cells in nutrient media outside the body, and cancer researchers have been culturing malignant tissues removed from the body in order to learn more about chemicals which inhibit growth.

Mrs. S. S. McKeen has established the York Lectureship as a memorial to her father, the late Andrew York. The York lecturer visits both the University campus and St. Paul's Hospital, one of the Faculty of Medicine's teaching hospitals.

## Bacteriologist Is Appointed

Dr. John E. Hotchin, formerly with the Common Cold Research Unit of Great Britain's Institute for Medical Research, has been appointed Assistant Professor of Bacteriology and Immunology at UBC.

Dr. Hotchin will also be a research associate in the western division of the Connaught Medical Research Laboratories.

The new faculty member obtained his M.B.B.S. and Ph.D. from the University of London. His research here will deal with certain aspects of virus diseases.

## Heads Council

Professor Jacob Biely, head of the University Department of Poultry Science, has been elected chairman of the B.C. Poultry Industries Council. The group advises the provincial Minister of Agriculture on matters affecting the poultry industry.

## Nurses Assigned To Fieldwork

Students from the School of Nursing will do field work during May and June in five B. C. lower mainland hospitals and a small hospital in Port Alberni, B.C. The 1955 class will graduate 29 with a degree of B.Sc. in Nursing and includes 39 young women who have completed the diploma program.

The program for advanced nursing training in the hospital is being carried out for the first time this year in the small community, with a corps of students training at the West Coast General Hospital in Port Alberni.

Nursing groups will also train at the Vancouver General, St. Paul's, Grace Hospital, the Royal Columbian in New Westminster and the Provincial Mental Hospital in Essondale.

## Dinner Meeting

The Commerce Division of the UBC Alumni Association will hold its annual dinner meeting at 6:30 p.m., May 11, in the Ballroom of the Hotel Georgia.

A large number of Commerce graduates living in the Greater Vancouver area have made reservations. Faculty members and members of the 1955 graduating class will also attend.

Tickets may be obtained from the Alumni Association Office.

## Course For Civic Leaders To Be Given On Campus

A seminar on "Understanding the Modern Community" will be held at the University from July 4-10. Co-sponsors are the Citizenship Branch of the Department of Citizenship and Immigration, the Canadian Council of Christians and Jews and the Department of University Extension.

The seminar will provide an opportunity for leaders of local community organizations to study characteristics and problems of Canadian communities and to develop effective leadership through understanding of human relations.

Members of the planning committee include: Dr. W. G. Black, Citizenship Branch, Department of Citizenship and Immigration; Roy Brookbank, Regional Director, Canadian Council of Christians and Jews; Miss Marjorie V. Smith, Supervisor, Family Life and Group Development, UBC Extension; Gordon Selman, Assistant Director, UBC Extension; Knute Buttedahl, Civic Unity Association; Mrs. Betty McDonald, B. C. Parent-Teacher Federation; Mrs. Kae MacKenzie, Community Chest and Council; Boris Steiman, Jewish Community Centre; R. A. Muir, B.C. Teachers' Federation; Ray Fairburn, General Secretary, Vancouver YMCA, and William Dixon, UBC School of Social Work.

## Salk Polio Research Aided By UBC Scientist

A brilliant young Canadian scientist, who received both his B.S.A. and M.S.A. degrees from the University of British Columbia and who played a key role in the research that led to the discovery of the Salk anti-polio vaccine, visited the campus this month.

Dr. Joseph Francis Morgan, 37, now of Ottawa, stopped in Vancouver to see his father, J. P. Morgan, 1946 Broadway, on his way home from the Federated Biological Societies meetings in San Francisco.

Earlier Health Minister Martin paid tribute to Dr. Morgan and to his co-worker Heleh Morton Coval for the discovery of Medium 199, a synthetic mixture which Dr. Jonas Salk used for growing polio virus in tissue culture.

### IN TORONTO

Medium 199 was developed between 1947 and 1952 when Dr. Morgan and Mrs. Coval were employed by the Connaught Research Laboratories in Toronto. Both are on the staff of the Department of National Health and Welfare Laboratories in Ottawa.

The discovery of Medium 199 means that living tissues can be kept alive outside the body long enough for scientists to study

the nutrition and growth of normal and cancer cells.

Dr. Morgan completed both undergraduate and graduate work in agricultural microbiology at the University of B. C. under the direction of Dean Blythe A. Eagles of the Faculty of Agriculture, and Dr. David G. Laird, director of the Department of Soils. In 1941, Morgan was awarded the Wilfrid Sadler Memorial Gold Medal, given annually to the most outstanding agriculture graduate at UBC.

"He is one of our most distinguished graduates," says Dean Eagles, "—really, a remarkable student."

### HOME MADE

Another faculty member remembers that Morgan, in his student days, constructed a home-made Warburg apparatus which is still used at the University. The machine, which Morgan and University workmen built for less than \$50, usually costs between \$500 and \$600.

Dr. Morgan received his Ph.D. from the University of Toronto in 1945. During some of the war years he was engaged in research for the federal government. He also spent some time with the Department of National Health and Welfare in Ottawa before he joined the Connaught research staff. He returned to the Department of Health and Welfare in 1952.

## NYU Doctor Lectures At UBC

Dr. E. W. Lowman, Clinical Director of the Institute of Physical Medicine and Rehabilitation at New York University's Bellevue Medical Centre, delivered UBC's first Canadian Arthritis and Rheumatism Society Lecture for medical students on March 22. His subject was "The Chronic Rheumatoid Cripple: Total Rehabilitation."

Dr. Lowman is Director of the U.S. Public Health Research Project and is Associate Professor of Clinical and Physical Medicine at NYU. Author of 22 papers on rehabilitation of the physically handicapped, Dr. Lowman is also chairman of numerous committees on rehabilitation.

Prof. N. Harlow,  
Library,  
Campus.