

## BROCK UNIVERSITY

the blue badger  
vol. II no. 1  
January 5, 1965

### CLASSES RESUME

Brock students returned Monday looking refreshed following the Christmas break which started Dec. 17. They are now looking forward to Jan. 15 when the Faculty Board will post examination results. President Gibson said: "While final results of first term examinations will not be available until the middle of January, speaking generally, the results by students on the first term are satisfactory,"

### OFFICIALS TO VISIT BROCK

On Jan. 15 the university will welcome two officials of the Ontario College of Education. They are Prof. H. M. Fowler and Prof. J. S. Carlyle who will meet with Dr. Gibson and senior faculty members to consider particulars of eventual honours courses at Brock which will provide suitable training for specialist teachers.

### MUNICIPAL REPRESENTATIVES TO TOUR GLENRIDGE CAMPUS

Elected municipal representatives from Lincoln and Welland Counties will be guests of the university on Jan. 13 when they will have a chance to see the new facilities at Brock and to hear of future plans from the president and officials of the Brock University Founding Fund. On Dec. 17 a similar reception was held for industrialists from the two counties.

A similar reception is being planned for representatives of labour in the peninsula on Jan. 22. Brock students have been generous in donating their time to serve as guides during these receptions.

#### PUBLIC OPEN HOUSE

It is planned to have a Public Open House on Jan. 23 from 10:00 a.m. to 6:00 p.m. Invitations are being extended to parents of students in grades 7 and 8, and to parents of secondary school students throughout the Niagara Peninsula. For this event particularly, a large number of student guides would be helpful.

#### BROCK NOW HAS A BOARD OF GOVERNORS

Most students will have noticed a recent press report in which it was announced that the Board of Governors of Brock University had been set up under the Brock University Act 1964. The Founders' Committee, formed originally July 11, 1962, was officially disbanded on Dec. 8, 1964.

The present Board includes all living members of the former Founders' Committee as it existed prior to Dec. 8, and eight new members. Chairman of the Board of Governors is D.G. Willmot, St. Catharines. Vice-Chairmen are E.J. Barbeau, St. Catharines; W.B. Gunning, Niagara Falls; and J. Murray Trott, Welland.

Other members of the Board are C.F. Anderson, Port Colborne; Mrs. J.J. Bench and H.C. Blenkhorn, both of St. Catharines; Mrs. T.E. Briant, Welland; W.B.C. Burgoyne and M. A. Chown, both of St. Catharines; F. C. Cullimore, Chippawa;

E.R. Davey, Niagara Falls; W.J. Freeman, Port Colborne; Dr. R. L. Hearn, Queenston; C. Bruce Hill, St. Catharines; E.S. Howard, Fort Erie; S.J. Leishman, Thorold; F.H. Leslie, Chippawa; W.S. Martin, Q.C., Queenston; C.W. Morehead, Welland; B. P. R. Newman and R.S. Misener, both of St. Catharines; A. C. Rae, Fonthill; Paul E. Roberts, Toronto; R. M. Schmon, Niagara-on-the-Lake; C.B. Slemon, Niagara Falls; M. L. Swart, Thorold; and L. R. Williams, Welland. Dr. James A. Gibson, president and vice-chancellor is an ex-officio member of the Board and Edward E. Mitchelson of Niagara Falls is Secretary.

A provisional Board, named in The Brock University Act, met on April 14, 1964, when it vested its operating powers in the Founders' Committee which, under the Act, was to be reconstituted as the Board of Governors within two years. Under the terms of the Brock University Act, the Board of Governors is to consist of no fewer than 20 members nor more than 30 members.

#### WINTER WEEKEND

A committee of students is working on a winter carnival scheduled Thursday, Jan. 28; Friday, Jan. 29; and Saturday, Jan. 30. Possibilities include snow sculpturing contests, skating, and curling. Watch the bulletin board for further details.

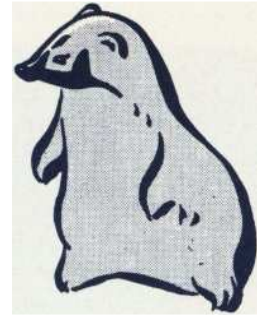
#### ADVANCE NOTICE

The Hart House Glee Club will give a concert in the Auditorium on the evening of Saturday, Feb. 20.



# The Blue Badger

PUBLISHED PERIODICALLY BY BROCK UNIVERSITY, ST. CATHARINES, ONTARIO



VOLUME 1 - NUMBER 4

FEBRUARY, 1965

## Brock Campaign Starts March 1st



More than 100 union leaders representing most unions and locals in the Niagara Peninsula gave enthusiastic support to Brock University's campaign for \$5,000,000 at a dinner reception at the Glenridge Campus January 22. Here Dr. James A. Gibson (left), president and vice-chancellor, describes the model of the master plan of the university to C. Bruce Hill, general chairman of the Founding Fund Campaign; H. J. Burke, president of Local 413 United Association of Journeymen and Apprentices in the Plumbing and Pipe Fitting Industry, both of St. Catharines; and Richard Bell of Port Colborne, secretary of Local 1054, United Auto Workers.

## Science Laboratories Completed at Glenridge

Brock University students went to work in the new science laboratories January 8 for the first time at the Glenridge Campus.

At a press conference held following a tour of the new facilities, Dr. John Hart, director of science at Brock, described future plans for science studies at the university.

There are now 5,000 sq. ft. of laboratory space in the Glenridge Building. In September 1966, when non-laboratory departments move to the new university tower on top of the escarpment, the Science Department would have more than 50,000 sq. ft. which would primarily be for the use of the

(Continued on page 2)

## Support Is Good From All Segments Of The Community

Brock University Founding Fund campaign, which officially gets underway March 1, has been solidly endorsed by business leaders, labor representatives and municipal governments throughout the Niagara Peninsula, and their wholehearted co-operation in helping to obtain the \$5,000,000 public objective of the fund appears certain.

The endorsements came during recent meetings held at the university, which demonstrated the continuing evidence of the enthusiastic area support being given to the university program to build and equip the DeCew Campus.

Total cost of the program is \$25,260,000. Construction of the first building — a 14-storey tower for immediate use as a library, administration offices, classrooms, common rooms and a cafeteria — will begin this spring.

Already more than 400 volunteers are enlisted to work for the Founding Fund organization. By the deadline — March 1 — the force will have expanded to about 2,000 volunteers.

For campaign purposes, the Niagara Peninsula has been organized into five major divisions. These are: Fort Erie, Port Colborne, Niagara Falls, St. Catharines, and Welland.

Each division is organized into seven committees to cover industry, commerce, employees, special names, clubs and organizations, and rural areas. National corporations are being approached at head offices in other cities such as Montreal, Toronto and Winnipeg.



Brock University students started the practical side of their science course January 8 following the completion of facilities in the laboratories. Dr. John Hart, director of science studies (second from right), describes equipment in the new chemistry laboratory to students Penny Mason of Clarkson and H. O. Ein (left) of Toronto. Also pictured is Harry Laird, senior technician, science department.

## Science Labs . . .

(Continued from page 1)  
science department.

Furniture in the new laboratories at Glenridge has been designed so that it can be moved easily. Even the benches in the main chemistry laboratory, which have double sinks every five feet, can be moved by sliding them along the floor. Dr. Hart said that the benches can be moved to serve the needs of either teaching or research functions, and when the new science building is completed on the DeCew Campus within a few years all of the present laboratory equipment can be used at once.

### DIVISION ARTIFICIAL

Dr. Hart said that Brock is following the historic practice of some of the older universities by awarding one Bachelor of Arts degree. He explained that the division between the humanities and the sciences is artificial. "We want to be sure that graduates of Brock will not be ignorant of fields of human knowledge outside their main subjects."

All Brock students, he said, will take a special series of courses in the humanities and the sciences, in a program which is unique to Brock.

Scientists and humanists, Dr. Hart explained, have a lot in common. He feels that there are many interdiscipli-

nary fields such as mathematics, earth sciences, psychology, and a rapidly growing list of newer subjects that cannot readily be classified as wholly "arts" or wholly "science".

### SCIENCE COMPULSORY

All science students at Brock University are required to take one science course and two mathematics courses in their first year as well as courses in the humanities. During their laboratory periods Brock students will be required to repeat by their own unaided efforts some of the great experiments that have changed the history of the world, designing and assembling the apparatus for themselves.

Second year science subjects to be offered at Brock next year include chemistry, mathematics, physics, and earth sciences. In the third year students will have the additional choice of biology. Dr. Hart explained that preparation for third year biology includes chemistry and bio-chemistry courses in the second year. Biophysics courses will also be offered.

Brock intends to develop a strong department of biology, building on a basis of physics and chemistry. Once courses in bio-chemistry and biophysics are established, the university will introduce courses in the more familiar classical biology at the second year level.

## Four New Additions To Brock's Faculty

Brock University recently made four new additions to its faculty. By July 1 a total of 26 men and women will have been appointed to the teaching staff.

- Professor E. A. Cherniak, 34, a native of Windsor, is at present assistant professor in the department of chemistry at Carleton University in Ottawa. His appointment at Brock is as head of the chemistry department.

- Dr. R. E. V. Bismuth, visiting professor at the University of Delaware in Newark, Delaware, deputy head of the department of Romance studies at the University of Witwatersrand in Johannesburg, South Africa, has been appointed professor of French and chairman of the department of modern languages.

- W. H. N. Hull, assistant to the dean of arts and science at the University of Manitoba, has been appointed associate professor of politics.

- Carl Marcus Wolff, who is completing his doctorate at Harvard University, is appointed assistant professor in history. Professor Wolff, who took his early education at Arnprior, graduated from Carleton University with first class honors in history in 1958 and obtained his M.A. from Harvard University in 1959. He won the Governor-General's Medal for standing at the head of the graduating class at Carleton in his graduation year, and was the first Carleton graduate to be awarded a Woodrow Wilson Fellowship.

### QUEEN'S GRADUATE

In 1953 Professor Cherniak graduated from Queen's University in Kingston with a B.A. in honors chemistry. He then taught for two years at Pickering College in Newmarket where he was a science master, then returned to Queen's to take his M.A. in photochemistry. From 1956 to 1959 he studied at Leeds University in England, where he obtained his Ph.D. in radiation chemistry.

A French citizen born in Tunis in 1918, Dr. Bismuth served in the French, Free French Army, and in the Royal Air Force from 1939 to 1946. He was made a Chevalier de la Legion d'Honneur. Other war honors include the Croix de Guerre, with star, Croix du Combattant, and War Medal (3 bars).

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## To Enrich Minds Of Youth

### *Professions Demand Establishment Of University*

"The liberal professions now demand the establishment of a university. The church requires a long course of study, which cannot at present be obtained. Young men designed for the bar, have not the necessary opportunities for preparing themselves for that important profession. The students of medicine, the sons of liberal merchants and of the more opulent landholders, would certainly attend a seminary on an extensive scale; and it is very certain that, in a few years after its establishment, more than one hundred students would be found at the university of Upper Canada.

"The number of students found at the university, if it be established, will very much depend upon circumstances.

Arts and sciences, manufacturers and commerce, have greatly progressed thro'out Europe and America during the last fifty years. The invention of the steam engine, and the useful application of steam pressure, has placed us centuries in advance of even the last generation, in point of power. Let us, therefore, lose no time but free from party spirit and narrow sectarian motives in our institutions, endeavour to benefit by this general diffusion of knowledge. Let us remember Lord Bacon's wise and laconic saying, 'Knowledge is power.'

"We ought to enrich the minds of our youth, by giving them such instruction and conformation of character as may enable them to serve their country, by

the practical application of a systematic education, and like William Pitt, to blend the wisdom of age, with the complexion of youth."

**Editor's Note: Brock President and Vice-Chancellor, Dr. James A. Gibson, read the foregoing excerpts from The Colonial Advocate (Queenston, Ont.) Vol. 1, No. 1, dated May 18, 1824, without first identifying the source, when he addressed a meeting of municipal representatives recently who gathered at the university to hear about plans for Brock's development and the local campaign for \$5 million. Dr. Gibson was emphasizing the fact that the needs for higher education have been talked about in the Niagara Region for a long time.**

## BROCK NOW HAS BOARD OF GOVERNORS



Brock University Founders' Committee was reconstituted as the Board of Governors on December 8, 1964. Pictured here are those who attended the first meeting. Front row (left to right) are: E. E. Mitchelson, Niagara Falls; Mrs. J. J. Bench, St. Catharines; W.- B. Gunning, Chippawa; Dr. J. A. Gibson and D. G. Willmot, both of St. Catharines; J. M. Trott and Mrs. T. E. Briant, both of Welland; C. B. Hill, St. Catharines; and A. C. Rae, Fonthill. Back row (left to right) are: E. S. Howard, Fort Erie; W. J. Freeman, Port Colborne; M. L. Swart, Thorold; C. F. Anderson, Port Colborne; W. S. Martin, Q.C., Queenston; E. R. Davey and C. B. Slemon, both of Niagara Falls; R. L. Hearn, Queenston; C. W. Morehead, Welland; S. J. Leishman, Thorold; F. H. Leslie and F. C. Cullimore, both of Chippawa; W. B. C. Burgoyne, H. C. Blenkhorn, M. A. Chown, B. P. R. Newman, and R. S. Misener, all of St. Catharines. Missing from the photograph are R. M. Schmon, Niagara-on-the-Lake; E. J. Barbeau, St. Catharines; P. E. Roberts, Toronto; and L. R. Williams, Welland.

## Auditorium Packed For Glee Club Performance

Some 600 people attended a special concert by the Hart House Glee Club held in Brock's Glenridge Campus auditorium on February 20.

The 45-member group from the University of Toronto, which is under the direction of Walter Barnes, came to St. Catharines following an engagement in Pittsburgh.

One of the highlights of the program was the Mass for Three Voices including the Kyrie, Sanctus, Benedictus, and Agnus Dei by William Byrd.

The great Elizabethan composer wrote three Masses for the Roman Service, as well as much music for the Anglican Liturgy. This Mass, the only one for three voices, was originally written for counter-tenor, tenor and bass. It has been said that the scoring accounts for the very few performances in this country. The music, with its thin texture and closed harmonies, deserves much wider recognition as a masterpiece of contrapuntal writing.

## Four New . . .

(Continued from page 2) His first degree was taken at the University of Algiers in 1937 when he received his Baccalaureat in Philosophy. In 1951 he received his License es Lettres, and in 1953 his Doctorat es Lettres from the University of Lille, France.

**GRIMSBY NATIVE** Professor Hull, who was born in Grimsby in 1929, took his early education in Walkerville, Ontario, and did his B.A. in honors business administration at the University of Western Ontario, graduating in 1951. After completing his M.A. in 1955 in honors economics and political science, also at Western, he went on to Duke University where he obtained his Ph.D. in political science in 1959.

## CROWDS FLOCK TO OPEN HOUSE



The library at the Glenridge Campus of Brock was of considerable interest to visitors at the Open House, January 23. Pictured from the left are Gail Johnson, a grade 12 student at Denis Morris High School, her sister Sandra, who is in first year at St. Michael's College in Toronto, Richard Teal, Crystal Beach, a grade 13 student at Fort Erie High School, Tom McDermott, Fort Erie, also a grade 13 student in Fort Erie, and at right Mr. and Mrs. Thomas Henson of St. Catharines with their daughter Carroll, who is a grade 9 student at Sir Winston Churchill School.



Brock students had a display of their own at the open house held at the Glenridge Campus on Saturday, January 23. Penelope Mason (right) goes over the university calendar with Mrs. W. H. Smith of Fort Erie with daughters Janet and Barbara, and Bonnie Johnston, also of Fort Erie. Pictured back left is student John Auld, who shows photos of student activities to Mr. and Mrs. F. R. Belford of Niagara Falls.

### Blue Badger Publishes Quarterly

This is the second issue of The Blue Badger in its present form. It is anticipated that it will be issued quarterly.

Purpose of the publication is to engender interest in the development of the university. If readers have friends or associates who would appreciate receiving the publication, write to the editor in care of Brock University, St. Catharines, Ontario.



# The Blue Badger



PUBLISHED PERIODICALLY BY BROCK UNIVERSITY, ST. CATHARINES, ONTARIO

VOLUME 1 — NUMBER 7

JULY, 1965

## Sod Turning Marks Start On DeCew Campus

Construction on Brock University's DeCew Campus officially got underway June 10th when the Hon. James N. Allan, provincial treasurer, turned the sod marking start of construction for the first building on the campus — a 14-storey Library Tower which will eventually contain a million volumes.

More than 500 people from throughout the Niagara Peninsula and elsewhere in Ontario were on hand for the ceremony which was followed by a garden party at the Glenridge Campus, the renovated industrial building in which the university started operations in the fall of 1964.

In his remarks, Mr. Allan said the fact that Brock was in operation a year ahead of schedule was an indication of the progress it would make in future and the support it had already found in the province and the Niagara Peninsula.

"The major role for Brock lies in the future, and they will be demanding years, followed by challenge upon challenge," said Mr. Allan. He said Brock would receive the support of the provincial government, which has already pledged financial aid to the

(Continued on Page 3)



More than 500 people attended Brock University's sod turning ceremony June 10th marking the start of construction of the 14-storey Library Tower building. Scheduled for completion in the fall of 1966, it is the first building to rise on the university's DeCew Campus on top of the Niagara Escarpment. Turning the sod is Provincial Treasurer, James N. Allan. To his right are Dr. Edward Miryneck, University Marshal for the ceremony and R. R. Johnston, manager of the building division of McNamara Construction.

## Reproduction of Brock Arms Enclosed With This Issue

Brock University is proud to enclose with this issue of the Blue Badger a full colour reproduction of the University's Armorial Bearings. The Arms were designed by R. P. Graham-Vivian, M.V.O., M.C., The Windsor Herald and granted on March 17th, 1965.

An active committee of the Board of Governors worked diligently for more than a year to decide on appropriate components of the Coat-of-Arms.

Scarlet and navy blue were the colours decided upon since they were

the colours of the uniform of General Sir Isaac Brock, hero of the war of 1812, after whom the university was named.

The Arms consist of an eagle, taken from General Brock's own arms, dis-

(Continued on page 6)

## Appoint Four New Members To Board

Four new members were appointed to the board of governors of Brock University during the first annual meeting held June 10.

They comprise Ivan D. Buchanan, former mayor of St. Catharines; W. D. Hatch, director and president of T. G. Bright & Co. Ltd., Niagara Falls; D. Whiting Lathrop, Fonthill, of Beamer and Lathrop Contractors, Niagara Falls; and Harold W. M. Smith, Vine-land, president of Biggar's Frosted Foods Limited.

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**APPOINT SEVEN MORE****UNIVERSITY TEACHING STAFF NOW TOTALS 29**

Dr. James A. Gibson, president and vice-chancellor of Brock University has announced 7 additional teaching appointments bringing the total lecturing staff to 29.

Richard Hiatt, senior organic chemist at the Stanford Research Institute, Menlo Park, California since 1963, will be associate professor of chemistry.

Prof. Hiatt, a native of Portland, Indiana, received his bachelor of arts degree from the College of Wooster, Wooster, Ohio in 1952, and his M.A. and Ph.D. from Harvard University.

During 1957 he was a post doctoral fellow at Indiana University and in 1958 at the University of California at Los Angeles, and he taught for two years at the University of Toronto.

Francisco Solinis, who has taught in France, Canada and the United States is appointed assistant professor of French. Born in Spain, he received his Licence-ès-Lettres from the University of Toulouse. He comes to Brock University from Wisconsin State University where he has been lecturing in Spanish and French.

**HISTORY LECTURER**

Alfred R. Hoermann, who is presently working on his doctor's degree in the department of history at the University of Toronto, is appointed lecturer in history. Mr. Hoermann did his undergraduate work at Queen's College in New York and later took his M.A. in philosophy at Emory University, Atlanta, Georgia, and a second M.A. in history at the University of Toronto. His interests are in the colonial history of North America and Europe before the French Revolution. His is the third full-time appointment in the history department.

James Kerwin Derden Jr., who is completing his Ph.D. at the University of Toronto, will be lecturer in the history and philosophy of science.

Mr. Derden, who is a native of Houston, Texas, received his bachelor of Arts degree from St. Thomas University in that city, and his M.A. in philosophy from the University of Toronto, where he is a doctoral candidate.

Mrs. Marina Howson, lately instructor in Russian and German at Memorial University in St. John's, will be lecturer in Russian and German. Born in Jerusalem of Russian parents, she lived for many years in Yugoslavia, receiving her education in Zagreb. In addition to speaking Russian, which is

her mother's tongue, Mrs. Howson is fluent in German, French and Serbo-Croat. During World War II she served overseas in France, Belgium and Germany with the Canadian Red Cross. Following the war she was employed in Ottawa with the department of national defence and the defence research board.

Barry M. Millman, a member of the scientific staff of the Medical Research Council in the biophysics unit at King's College, London, England, will be associate professor and head of the department of biosciences, effective July 1st, 1966.

Prof. Millman graduated with his B.Sc., in honours physics from Carleton University in 1957 and obtained his Ph.D. in biophysics from the University of London in 1963.

A winner of many scholarships and

awards, Prof. Millman received the Governor General's medal in 1957. From 1957 to 1960 he studied with the assistance of an Imperial Oil graduate research fellowship. In 1960 he obtained a special scholarship from the National Research Council.

A native of Toronto, he is married with three children.

Dr. R. Peter Rand, who is doing post doctoral research at the Laboratoire de Genetique Physiologique in France has been appointed assistant professor in the department of biosciences with effect from July 1, 1966. Dr. Rand, a native of Toronto, received his primary education in Toronto and Uxbridge and his secondary schooling in Ottawa. He graduated with an honours B.Sc. from Carleton University in 1959. His graduate work in bio-

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**ALREADY APPOINTED**

- René Bismuth, D. ès L. (Lille)**  
Professor of French, Chairman  
Department of Modern Languages
- Shao-Chien Chang, B.Sc. (Taiwan), M.Sc. (Carleton)**  
Lecturer in Mathematics
- E. A. Cherniak, M.A. (Queen's), Ph.D. (Leeds)**  
Professor of Chemistry  
Head of Department
- Juan-Amadeo Fernandez, L. en. D. (Madrid)**  
Lecturer in Spanish
- Guy Gilles Gauthier, B.A. (Sir George Williams)**  
Lecturer in French
- James Alexander Gibson, B.A. (British Columbia)**  
M.A., B.Litt., D. Phil. (Oxon), LL.D. (Carleton)  
Instructor in History and Politics
- Ernest E. Goldsmith, Dipl. Ing. (Berlin), D.I.C. (London), A.M.I.E.E., P.Eng.**  
Associate Professor and Registrar
- John Hart, B.Sc., Ph.D. (London), F. Inst. P.**  
Professor of Physics  
Director of Science Studies
- Michael Hornyansky, B.A. (Toronto) M.A. (Oxon)**  
Professor of English  
Chairman of the Department
- W. H. N. Hull, M.A. (Western), Ph.D. (Duke)**  
Associate Professor of Politics
- John Nicholas Jackson, B.A. (Birmingham) Ph.D. (Manchester), A.M.T.P.I.**  
Professor of Applied Geography
- Director of the Institute of Land Use**
- K. P. Koffyberg, Doctorandus, (Free University of Amsterdam)**  
Associate Professor of Chemistry
- John R. A. Mayer, B.A. (McMaster), M.A. (Rochester), Ph.D. (Emory)**  
Associate Professor of Philosophy  
Acting Chairman of the Department
- Josephine P. Meeker, B.A. (McMaster) M.A. (Indiana)**  
Assistant Professor of Geography
- Edward Mirynech, B.A., M.A., Ph.D., (Toronto)**  
Assistant Professor of Geology
- A. J. Montague, O.B.E., M.A. (Glasgow)**  
Visiting Professor of Humanities (Spanish)
- W. G. Ormsby, B.A. (Toronto), M.A. (Carleton)**  
Associate Professor of History
- John Reed, B.Sc., (Sydney), M.Sc., (London)**  
Professor of Mathematics  
Acting Chairman of the Department
- B. Norman Rosenblood, B.A. (Western), M.A. (McMaster)**  
Lecturer in English
- Ian C. Shaw, B.A. (Carleton), M.A. (Toronto)**  
Lecturer in English
- G.M.C. Sprung, B.A. (Manitoba), Ph.D. (Berlin)**  
Associate Professor of Philosophy
- Carl M. Wolff, B.A. (Carleton), M.A. (Harvard)**  
Assistant Professor of History

## Sod Turning . . .

(Continued from page 1)

fledgling university.

D. G. Willmot, chairman of the board of governors, said the campaign to raise the peninsula's \$5,000,000 contribution to the cost of the \$25,000,000-plus DeCew Campus, was showing every indication of success and told the audience, "You have an important part in making this dream come true."

After the turning of the first sod, Dr. James A. Gibson, president and vice-chancellor of Brock, said the DeCew Campus was "new in concept."

"When it comes into use in the autumn of next year we hope it will have all the freshness of vigorous youth as the fountainhead of thought and ideas in action, with people — men and women, faculty and students, the university, linked with the community and region — as its chief element and motive force," said Dr. Gibson.

"Last October at Glenridge opening His Excellency the Governor General reminded us of the wonderful phrase of his predecessor of just over a century ago, that faith, where it is sincere, is always catching. If we think of today's assembling as a demonstration of faith — faith in an idea as a response to a need, faith in the invincible spirit of men and women of many generations in the pursuit of truth, faith in the integrity and freedom of the human mind and spirit, then perhaps we may conclude that about Brock University there is something really catching. Long may it flourish."

## Appoint Four New . . .

(Continued from page 1)

Retiring from the board were A. C. Rae of Welland and S. J. Leishman of Thorold. Total number on the board now stands at 30.

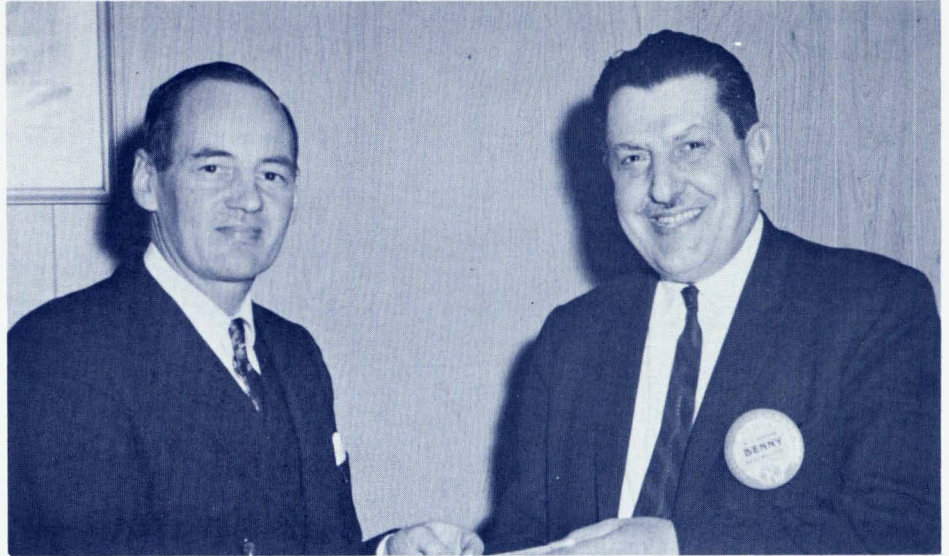
Re-elected chairman of the board of governors was D. G. Willmot, president of Anthes Imperial Limited in St. Catharines.

Continuing as vice-chairmen are W. B. Gunning, Niagara Falls, E. J. Barbeau, St. Catharines and J. M. Trott of Welland.

Officers include E. E. Mitchelson, Niagara Falls, secretary-treasurer and T. B. Varcoe, St. Catharines, finance officer.

Elected chairmen of committees are W. B. Gunning, Niagara Falls, Finance committee; E. R. Davey, Niagara Falls, building and property committee; W. B. C. Burgoyne, St. Catharines, public relations committee; H. C.

## KIWANIS SUPPORT UNIVERSITY



Dr. John Hart, (left) director of science studies, accepts a cheque for \$1,000 from Ben Grosse who made the presentation for the Thorold Kiwanis Club.

## FOR SPANISH LECTURER

By Juan Fernandez

# Brock Philosophy Refreshing

Mr. Fernandez, lecturer in Spanish at Brock University, records his early impressions since coming to Canada.

When a person is transplanted, as I have been, from one society to another with a completely different structure, he cannot help spending a great deal of time simply amazed and delighted by the flood of new impressions. At the same time he begins to ponder over the advantages and inconveniences of an unfamiliar social organization, and to think about the problems of adapting to a new reality.

To be surprised or astonished, according to Ortega, is to begin to understand. It is the sport and the luxury of the intellectual — meaning the man who uses his mind. For people with their eyes open, the whole world is rare and marvellous. Not everyone can afford to see it that way. To wonder at things is a delight forbidden to the football player; but it is the natural habit of the intellectual man in any country, and may carry him into the perpetual rapture of the visionary.

Since my arrival in this country,

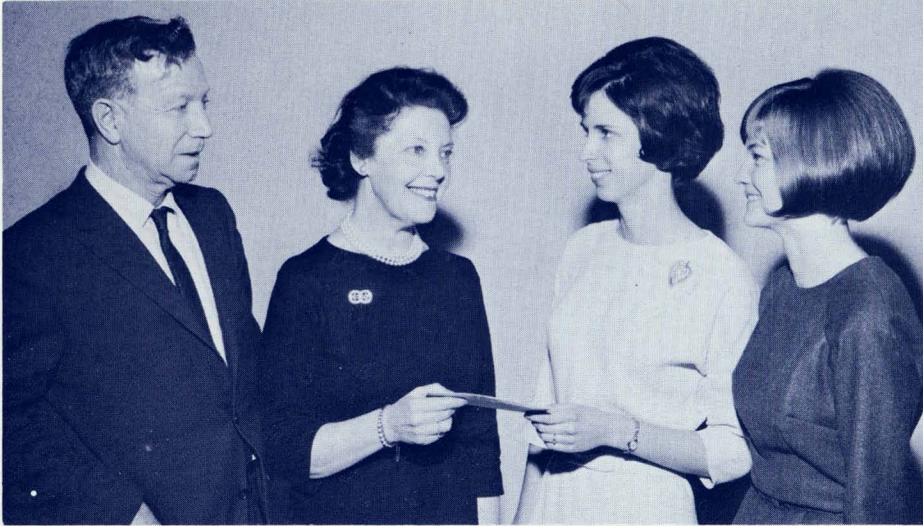
Blenkhorn, St. Catharines, residence facilities; and R. S. Misener, St. Catharines, athletic facilities and program.

many new experiences have given me great pleasure. Some of them are so recent that I do not yet dare to form an opinion; they are still in the stage of observation, which is the first step necessary to an intelligent conclusion. But I would like to single out one experience, the one I consider most interesting for a person coming from Spain.

There, as in many other countries that add adjectives like "popular" or "organic" to the word Democracy, a very strong control is exerted upon institutions like universities, because the political system could be in danger if the "mania of thinking" were spread. The result in such a society can be a university like Cervera, whose president established the motto, "Far be from us the pitiful mania of thinking."

Brock University, in its first year of operation, has put before my eyes a completely different and beautiful reality, which has been the most delightful of my experiences. Here I had the chance to see for the first time a young generation of students and staff members working together in the most profitable way towards the attainment of the most important aim — that is, the acquisition and development of the creative spirit, eagerness for investigation, and desire for positive criticism, that will work together to the formation of a happy society.

## STUDENTS GIVEN RECOGNITION



St. Catharines Business and Professional Women's Club presented two awards of \$250 to two students. Pictured from the left are Registrar Ernest E. Goldsmith, Mrs. M. L. Harris who made the presentation, and students Heather Langrell and Wendy Bowman, both of St. Catharines.

## Initial Challenge of Brock Was Response To Need

(Excerpts from an address to the Peace Bridge Home and School Council, May 6, 1965)

**By Dr. James A. Gibson  
President and Vice-Chancellor**

"Any new university is a challenge, not only to the people who first thought about it, and dreamed dreams of what it might some day become; not only to the Board of Governors who manage its corporate affairs and assure its financial well-being; not alone to the faculty and staff concerned in the day-to-day liveliness of a university in being; not simply to the students who will become its first graduates; but to all who believe that this fruitful Niagara frontier will be the richer for a vigorous university in its midst.

"The initial challenge of Brock University was a response to a need. The dimensions of that need had been outlined and verified successively by Women's Institutes, the Niagara Peninsula Joint Committee on Higher Education, a Citizens' Committee, and by the Founders' Committee now transformed into the Board of Governors.

"... Some parts of the need were sufficiently obvious: the secondary school population of the region was growing nearly twice as fast as the overall population; an increasing proportion of all secondary school students were completing Grade 13; but of those students qualified to enter university, the proportion actually entering a university was well below the provin-

cial average, and still farther below the record of cities in which universities were already established.

"Supposing as energetic and helpful a response to the initial need as was provided by the citizens of the two counties, the county councils, many of the industries, and the Department of University Affairs, what was the next challenge?

### STAMP OF EXCELLENCE

"The next challenge was to provide instruction and facilities under university auspices for academic work bearing a stamp of excellence. To provide a building became a workmanlike exercise in transforming a disused building into attractive classrooms, laboratories and offices; I remark only that by the end of our second full year the Glenridge Campus will be working to its full rated capacity. To provide an academic program for a first year was not difficult, in terms of the considerable university experience of my senior teaching colleagues. To recruit an initial undergraduate class implied some selectivity; we were, for example, interested in students who seemed to have academic promise independently of grade 13 results and over and above principals' recommendations; and for the initial year we felt we should not admit candidates who had failed a university year elsewhere. On this basis

## What Others Say

### New Kind Of University

(From The Daily News,  
St. John's Nfld.)

Brock University in St. Catharines on the south shore of Lake Ontario accepted its first students last September. It began with a student body of 142 but it has large ambitions. By 1975, it expects to have an enrolment of 8,000 and an architect's model of the campus at that time suggests that it may well be the most attractive in the whole of Canada.

But what is most impressive about this new Canadian University is its philosophy. It proposes to select its students with care and, convinced that high-school performance alone is not an adequate guide to how well a student will do at university, it will have a flexible admissions policy which will attract "students whose potential may not yet have been measured, including unusually able students who do not fit a conventional pattern." Its watchword will be excellence.

One special aim will be the encouragement of gifted students and a particular field of interest will be international affairs with emphasis on Canadian-American relations. In time, graduate studies will be introduced in certain spheres which other Canadian universities are not yet covering in depth. All in all Brock will not only be a new university but something new in Canadian universities. And should it achieve its goals, it may well become a major source of Canadian intellectual leadership in the future.

we were able to provide for 142 students, of whom 18 were part-time. Some of these candidates withdrew during the year, but we were well above our target of 100.

"... For what it is worth, at this time last year we had seven applications for admission in September, 1964; for admission in September, 1965 we already have nearly 500 applications, and the end is not yet. The faculty which was eight at the opening of classes last autumn will have grown to 29 by next autumn, not counting professional librarians, skilled technicians, and a devoted band of part-time discussion-group leaders. The morale of Brock University provides its own challenge.

"... What sort of ideas are we concerned with at Brock University? "A few good ideas still can be expanding ideas. We have from the out-

set tried to set simple, straightforward standards of admission, promotion, and curriculum. This is as much a matter of the climate in which academic work proceeds as of particular detail. But we try to recognize that we are dealing with people: people not in the mass, as an undistinguished assortment; but people as individuals who deserve consideration because they are individuals; people who will respond to consideration.

" . . . This is a precious resource for any university, and especially for a new and growing university. Our feeling was that we should attempt to do a few things well; and with this in mind our basic first-year program is based upon some subjects which are taken by all entering students: English, History, and a course in the History of Scientific Processes. To this we have added study in languages and in geography for students not intending to major in physical or natural sciences; for these latter a double-loaded course in mathematics serves as prelude to study in depth in chemistry, physics, and bio-sciences (biochemistry and biophysics, followed by biology).

#### **SECOND-YEAR COURSES**

" . . . In the second year we shall add Russian and German to French and Spanish; Politics in conjunction with History; Philosophy as a new academic department; and much more detailed work in Geography. Some subjects of an arts program are not yet in our Calendar: for 1965-66 we are unlikely to have formal work in economics and sociology (though these might legitimately be an outgrowth of geography); nor in psychology.

"The importance, and the challenge, of graduate study have been underlined by the searching enquiries which are at present being conducted, both by the Committee of Presidents of Ontario Universities and by committees of various specialized bodies. The Department of University Affairs itself is co-ordinating a number of these efforts: it is certain that graduate studies will occupy a progressively larger share of all university energies in Ontario for the foreseeable future.

" . . . This does not mean that Brock University would rush into graduate studies. In many of the humanities subjects — literature and languages and history — our library holdings would have to be substantially larger than they are at present. They are increasing steadily, but in the first instance these resources are designed to provide for undergraduate needs, and we shall add onto them as generously as our resources will allow. But the initial challenge remains the under-

graduate program, and the quality of the degree which we shall award to able and accomplished students.

#### **RESEARCH INSTITUTE**

" . . . Our research institutes are partly bound up in graduate studies under our own direction, partly also in the Allied Research Institutes which we envisage as locating themselves on the perimeters of our campus. These institutes will be important in themselves: the principal financial resources will come from sources outside the university and the university budget; but the proposed new foundations will help us to distinguish between applied research (which we think may probably best be done in allied institutes), and the requirements of pure research which we think can best be discharged within the university itself. I think it will be apparent that applied research will have validity and depth only if it is based upon the pure research which should precede it.

"Still another challenge is presented to Brock University by the community in which it is situated: the land, the face of the land, the preservation of the beauty and the resources of the land, and the enrichment of the lives of all the people who live in it. It is with this in mind that we have drawn up proposals for an Institute of Land Use and Resource Conservation. A Director (who is a world-renowned geographer) will take up his duties at the end of the summer, and although there may not be graduate candidates for a year or two, the dimensions of a detailed program will be carefully worked out, and we expect that we will be making common cause with many regional and community organizations concerned with land use, development, water conservation, public recreation, and a wider enjoyment of the out-of-doors.

"Some people suppose that conservation may have to take on a negative and somewhat restrictive aspect. Our intention will be to give full weight to safeguarding the countryside from the excesses of some kinds of development, but at the same to provide growing facilities for recreation and enjoyment of the beauty of our out-of-doors.

#### **URBAN COMPLEX**

"The planning function which will be an integral part of the institute will also become of major importance. We suppose that within our lifetimes the population of this region will be three times as great as it is today. We expect that we may be a part of an urban complex which will extend all the way from Fort Erie around the shores of Lake Ontario at least to Oshawa.

"If the requirements of public con-

venience, public safety, public education, public enjoyment, and, on top of all of these, reasonable and efficient government, are to be met, planning for this future will have to take place on a broad scale, and in circumstances in which township or county boundaries may become only incidental. Though we start out perhaps from a conservationist and planning point of view, we are not unmindful of the requirements of orderly and effective government for all the people within the region. To the extent that this orderly and efficient government will involve experimentation and some rather bold departures in administration at a regional level, we hope that we shall be able to take our full part in encouraging such experiments.

"There are other challenges which will come to us that we hope will be useful channels of helpfulness served by the university. One of these is teacher training. We are interested in undertaking a program, in conjunction with the Department of Education, which may be an important pilot operation against the day when preparation for elementary school teaching will be based upon a university degree to begin with. This does not mean that we will have a faculty of education. It does mean that we shall be interested to devote the best of our academic resources — teaching, library facilities, experimental projects within the undergraduate program — to the training of the teachers of the future. The teachers college in St. Catharines is intended to be developed in direct relationship with the university. We regard it as a development of first importance.

#### **EXTENSION COURSES**

"The subject of Extension Courses — that is, short courses not given for academic credit — has already been under our notice. We will begin part-time courses for academic credit in the autumn of 1965; and we will, as opportunity offers, provide shorter courses of general interest to the community. In this we shall be at pains not to duplicate the considerable programs which are already conducted by Boards of Education within the region. We think that there are areas in which the university background and the university interest is a suitable one for introducing adult participants to a university approach to many subjects of human knowledge and human concern. The most immediate part of this program is likely to be in one or more series of public lectures, given by my academic colleagues, on subjects in which they have recently been working or based upon the subjects of their most recent research."

## COMMUNITY DEMONSTRATES SUPPORT



A generous donation to the university was made recently when members of the Second Dragons Chapter of the I.O.D.E. presented two tape recorders. Pictured from left to right are Mrs. M. Zaritsky, regent, Mrs. L. G. Bird, retiring regent and Mrs. J. Ross Bates, retiring educational secretary; and Dr. James A. Gibson, president and vice-chancellor who accepted the gifts on behalf of the university.



One of the generous gifts received by the university recently was a microfilm reader presented by the Niagara Falls University Women's Club. Pictured from left to right are Juan Fernandez, Spanish lecturer, Prof. William Ormsby, associate professor of history, Mrs. Elizabeth Lockett, assistant librarian, and Mrs. C. L. Playle, representing the University Women's Club.

## Reproduction . . .

(Continued from page 1)

played against a scarlet background. Immediately above it is a chief on which are displayed a maple leaf (for Canada), a scallop shell (from the arms of the Lincoln and Welland Regiment, which has a direct connection with General Brock) and a trillium (for the Province of Ontario). An open book fronts the eagle.

A torch for learning, surrounded by a serpent for wisdom, with two calumets or North American pipes of peace, friendship and agreement, make up the crest.

The supporters consist of a beaver on the dexter side, emblematic of Canada and representing work and industry in learning. On the sinister side a brock or badger (also in commemoration of General Brock) represents tenacity of purpose.

The motto, *Surgite*, is freely translated as "push on". This recalls the Battle of Queenston Heights on October 13th, 1812 when, after General Brock was mortally wounded, he called out "push on my brave York volunteers". This motto was chosen also because it recalled a favourite phrase of the late chairman of the Brock University Founders' Committee, Dr. Arthur A. Schmon, who often said "we must move forward with this."

## Teaching Staff . . .

(Continued from Page 2)

physics was undertaken at the University of Western Ontario, from which he received the degrees of M.Sc. and Ph.D.

Dr. Rand will join Dr. Barry Millman, in the new department of biosciences.

Appointed electronics technician in the science department at Brock is James M. Ross, who was employed for some years in the division of applied biology of the National Research Council of Canada.

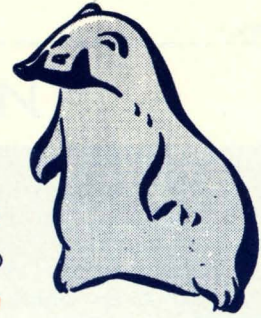
## MAIL STILL ARRIVES STRANGELY ADDRESSED

Since the appearance of Brock University in St. Catharines postal authorities have had a chuckle or two as they route correspondence from all over the world to the university.

One of the most interesting to date, originating in Saudi, Arabia, was addressed as follows: "The Black University of Greater Niagara, Niagara Falls, Canada."



# The Blue Badger



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## Political Situation Hasn't Changed Much

Striking similarities exist between the political situation in Canada 100 years ago and today, Dr. James A. Gibson, president and vice-chancellor said in Ottawa October 6.

Speaking to the Eastern Ontario fall history conference of the Ontario Secondary School Teachers Federation, the former Carleton University dean of arts said that from 1867 to 1873 there were four general elections without conclusive results. With the election in November, he said Canada will have

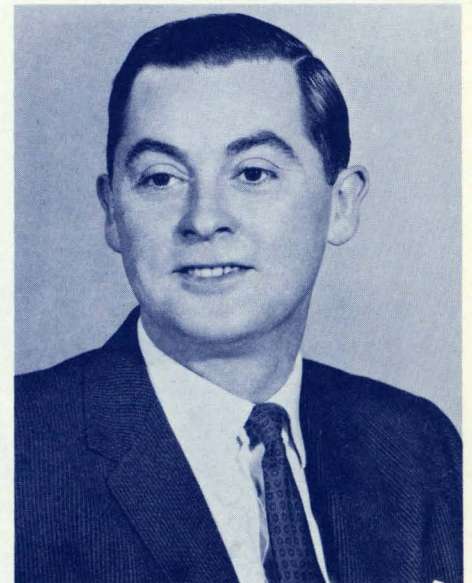
(Continued on page 4)

## APPOINT:

## GEOFFREY O. B. DAVIES DEAN OF ARTS & SCIENCE

The appointment of Geoffrey O. B. Davies, 43, as professor of history and dean of the faculty of arts and science at Brock was announced recently. Prof. Davies, a member of the faculty of the University of British Columbia for the last 17 years, assumes his new post Jan. 1.

Dr. James A. Gibson, president and vice-chancellor, said that Prof. Davies as administrative head of the faculty



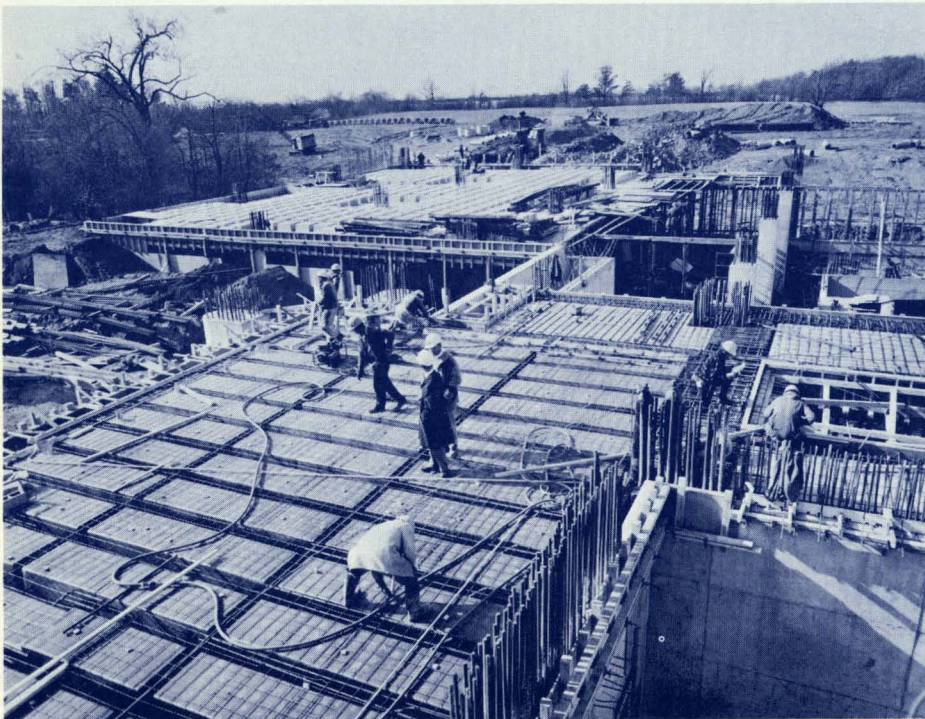
DEAN DAVIES

of arts would devote considerable attention to the co-ordination of recruitment of new faculty at Brock, and give general supervision to the development of degree programs at the university. Dr. Gibson added that Prof. Davies' acquaintance with all the universities of Canada, and his skill and experience in university administration, would be of great assistance to Brock University at this stage of its rapid development.

The new dean had most recently been professor of history and international studies, and executive assistant to the president at U.B.C. Since 1964

(Continued on page 2)

## LIBRARY TOWER TAKES SHAPE



Work on the Library Tower Building on the DeCew Campus which officially started on June 10, is progressing satisfactorily. The south-west corner of the Library Tower second floor is shown in foreground immediately prior to pouring of concrete. In the background is part of the podium second floor showing "waffle" forms for floor slab. At lower right is part of the tower core which will house the elevators and stairways. (see also page 3).

## GEOFFREY O. B. DAVIES

(Continued from page 1)  
he has been on leave of absence, serving as research associate for the Bladen Commission on Financing of Higher Education in Canada. Prof. Davies will spend the next three months on the implementation of recommendations contained in the Bladen Report, and will be on the staff of the Association of Universities and Colleges of Canada in Ottawa.

Born in South Wales, the new dean of arts and science was educated at Trinity College, Cambridge, where he received his B.A. in 1943 and his M.A. in 1946.

Among his many academic awards were a Canada Council Fellowship in 1959, when in the course of a trip

around the world he studied new patterns of commonwealth relations.

Before coming to Canada in 1947, Prof. Davies spent five years, from 1943-47, in the U.K. Commonwealth Relations Office.

Joining the University of British Columbia in 1947 as an instructor, Prof. Davies was promoted assistant professor in the department of history in 1949 and in 1956 to associate professor and administrative assistant to the president. Since 1961 he has been professor of history, executive assistant to the president, and secretary to the board of governors.

At various times during his career, Prof. Davies has been a visiting lec-

turer or professor at other universities including Queen's University, University of Alberta and the University of California. He has published numerous articles on the British Commonwealth.

During World War II, Prof. Davies served a period as instructor at the Royal Military College at Sandhurst, where he was awarded the Sword of Merit. He saw active service as a troop leader in the Inns of Court Regiment and the XII Royal Lancers.

Prof. Davies has also been lecturer to Canadian Armed Forces in Germany, and at the Royal Military College in Kingston, Ontario and at Royal Roads, B.C.

He is married with two children.

## STUDENT ASSEMBLY AT WORK



These are the young men and women who comprise the student government at Brock. The Student Assembly meets regularly once a week. Pictured from the left are Robert Jennings, Toronto, freshman representative; Jim McVeigh, Toronto, sophomore representative; John Auld, St. Catharines, chairman, Canadian Union of Students; David Dargie, Niagara Falls, president of the Assembly; Donald Chapman, St. Catharines, speaker of the house; Barrie-Ann Kennard, St. Catharines, secretary; Allan Colbey, St. Catharines, treasurer; Barbara Hogrebe, St. Catharines, sophomore representative and Susan Biggs, St. Catharines, freshman representative.

## BUILD ON FIRM FOUNDATION



Some idea of the extent of the excavation which had to be carried out is provided in this view of the rock strata surrounding the base of the Library Tower. Underground lines and services distribution tunnel are being installed in areas adjacent to the structure as building work proceeds.

## Urges Students To "Push On"

By **Dr. JAMES A. GIBSON**  
President and Vice-Chancellor

You are here on your merits because of our estimate of what you can do and what you can make of yourself.

A university — especially a new university — is a highly personal mechanism. It is personal to you because my colleagues can and do take more time and care with each of you than is possible in some larger foundations. It is personal to us because we can conduct university affairs in the way which we think is reasonable, resourceful, and satisfying. Most of all, perhaps, we hope that we shall never become so much of an "institution" that Brock University ceases to be fun.

More than 50 years ago, the then President of Amherst College was addressing incoming students. He said in part: "When a man (he was not under the necessity of saying a man or woman, since Amherst was, and is, a men's college) chooses to go to college he declares that he wants to be different, that he is not satisfied to be what he is. If any of you is satisfied with himself, he had better go back and keep still for fear something may happen to disturb his perfection. If those who stay here are rightly dissatisfied with themselves, they will satisfy us."

You may sometimes feel very dissatisfied with yourselves, and the dissatisfaction may do you credit. But the purpose of university experience

should surely be to help you to discover why you are dissatisfied. The process of discovering why may be as severe a discipline as you have ever faced — perhaps as severe as you will ever meet again. It is important that dissatisfaction, discovery, discipline, should not stop at a level of disillusionment, because disillusionment by itself may be a prelude to failure.

### SURGITE

At Brock University we have one resolute answer to this possibility. It is to be found in our motto, Surgite, which we translate freely as Push On. This is what we want every Brock Student to do. Our duty is to help each one of you to do it. In the doing, we hope you will enjoy it, and all of my colleagues and I wish you well.

(Text of the President's remarks to students on first day of classes.)



**FOR CHEMISTRY RESEARCH****Cobalt 60 Gamma Radiation Equipment Arrives**

The first major piece of research equipment in the chemistry research laboratory at Brock University was received recently in preparation for graduate studies in chemistry which are expected to begin next fall.

Known as a Gammacell, the equipment is a source of cobalt 60 gamma radiation. Produced by the commercial products division of Atomic Energy of Canada Limited, the Gammacell, valued at \$20,000, was made available through a grant from the National Research Council.

For the last five years the equipment was at Carleton University in Ottawa where it was used for research on radiation chemistry by Dr. E. A. Cherniak, now professor and head of the department of chemistry at Brock.

Weighing four tons, the Gammacell consists of a solid lead cylinder in the center of which are air-tight stainless steel metal cylinders containing radioactive cobalt.

One of the purposes of the equipment is to determine what chemical changes occur in organic systems when exposed to ionizing radiation. Dr. Cherniak said that the chemistry department would also use the cobalt 60 source to produce trapped electrons in organic liquids at very low tempera-



Prof. Cherniak (extreme right) supervises unloading of Gammacell

and to study their chemical reactions.

Although it will be mainly used by graduate students, the equipment will also be used for experiments to be performed by undergraduates this year. The chemistry department head

stressed the fact that the equipment is perfectly safe and that irradiated materials do not become radioactive. The Gammacell, believed to be the only equipment of its kind in the area, will be available to interested research personnel, Dr. Cherniak said.

## Appoint Well-known Oarsman To Coach Brock Rowing Team

Brock University recently appointed Anthony Biernacki of Ottawa, technician in the department of chemistry and coach of the university rowing club.

Mr. Biernacki is an experienced machinist and instrument technician, who was formerly with the biosciences division of the National Research Council in Ottawa.

He is well known to St. Catharines rowing enthusiasts as an oarsman and sculler and regular participant in the Henley Regatta. In 1952 he was Canadian champion in the fours, Canadian champion sculler from 1957 to 1960 and has participated in British Empire and Pan American games.

## Political Situation

(Continued from page 1)

the fifth general election in eight years.

Responsible government a century ago, he said, seemed to mean, as it still does, "turn the rascals out and let the good men in."

Dr. Gibson pointed to the resurgence of provincialism today which he described as an attempt to set up a "two nation" or "multi-nation" concept. The speaker described this situation not as a logical growth from the roots of Canadian federation, nor as a Canadian concept in the sense in which the Quebec resolutions were drafted up in 1864 and the British North America Act of 1867.

### HURTS IMAGE

Dr. Gibson said that this cannot finally help Canada's image abroad and negates the middle power which was and is important. He added that provincialism is diminishing Canada's reputation in world council chambers where it has achieved an outstanding reputation in mediation, peace keeping roles and programs of mutual aid during the last 25 years.

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**BROCK UNIVERSITY**  
St. Catharines, Ontario