

140,000 student members; Canadian Union of Students has major role on campus

What is CUS?
CUS is the Canadian Union of Students - an organization of approximately 140,000 students in some 42 institutes of higher learning across the country. Each student at a member university of CUS is a member of the organization, and is entitled to all bene-

Largest library in Atlantic area

For the conscientious student the library of the University is one of the hubs of campus life. The library provides materials to supplement lectures, to assist in the preparation of essays and term papers, to provide background on current issues as well as current information on the issues of the day be they Africa, minority government, Asian economics, Eskimo culture or the Quebec problem. Information is available on nearly all subjects imaginable from Aardvark physiology to the geology of Pughwash to Zulu politics and government.

Music Dept. has dynamic program

The music department at Dalhousie University, headed by Prof. David Wilson offers many activities to students - the Choral, the Orchestra, the Renaissance Singers, and the Recorder Consort.

GLEE AND DRAMATICS SOCIETY

The Dalhousie Glee and Dramatics Society has been in operation for over eighty years. During that time it has presented everything from Opera to Broadway musicals.

As its tradition the society will next year present a musical show in February. Continuing in the tradition of such productions as GUYS AND DOLLS, BYE BYE BIRDIE, L'IL ABNER, AND THE MIKADO, Dalhousie will in the centennial year present a musical show of high calibre, be it opera or musical revue.

Next year the society will also present a contemporary three act play. This production will take place in the fall and will continue the tradition of such plays as Brendan Behan's, HOSTAGE. For those people interested in a stage presentation of smaller magnitude the society holds an annual competition for one act plays. This competition is open to all campus groups and is usually held after Christmas.

Membership in the Dalhousie Glee and Dramatics Society is open to all Dalhousie Students. The cost of all productions is borne by the Student Union. Selection of the productions is designed to allow the student to have the maximum academic strain. Actors, singers, artists, stage carpenters, all people interested in stage productions have a place in the society. We hope, should you decide to come to Dalhousie, that we will see you at the Dalhousie Glee and Dramatics Society on registration day.

fits as such. As a member of CUS, the university or college pays a per capita fee to the organization. These fees are used to maintain the Secretariat of the organization and to permit it to carry on its activities. The Secretariat is located in Ottawa and

lounge, technical processing services and the Library administration. Separate departmental libraries are provided in Education, Psychology, Science, Chemistry, Biology, Pharmacy, Oceanography and the Institute of Public Affairs.

Extensive professional libraries are maintained by the faculties of Law, Medicine and Dentistry.

To service this system the University provides a large staff of more than fifty people including 12 professional librarians.

In recent years due to the knowledge and population explosions, overcrowding has become a serious problem but relief is now in sight. The Law Library will move to new quarters in a new building in July thus releasing its reading room and other areas to the University Library for undergraduate use.

Central services to undergraduates, graduate students and faculty are provided by the Macdonald Memorial Library which houses the Humanities and Social Sciences divisions as well as reading rooms, the student

consists of an annually elected President and Vice-President, a number of appointed associate secretaries responsible for certain aspects of the CUS program, a clerical staff. And a board of Governors.

Every year, representatives from each member institution gather for the National Congress which is the policy making body of the organization. This year, the Congress is to be held Sept. 4-11 at Dalhousie.

On campus, there is a CUS Committee, with a chairman appointed by the Student Union. This year was a very active one. Following the 29th Congress in August, the activities of CUS were concentrated on the program for National Student Day, Oct. 27. This day was a coordinated cross-country demonstration by students for universal accessibility to higher education.

Teach-ins, marches and other means of demonstration were utilized by the students to express the concern over education and in particular over the costs of education. In Halifax, as the culmination of a two week education program on the Crisis in Education the 4 Halifax Universities joined forces and representatives from Acadia, Mount St. Bernard and St. Francis Xavier marched in a silent, orderly group of 1000 to Province House where a brief was presented to the Provincial Government. The success of this effort is manifest in the increased emphasis on education in both the Federal and several provincial Speeches from the Throne. The Committee also organized an International Teach-in on Viet Nam and Latin America on Oct. 9, to coincide with the one at the University of Toronto.

In conjunction with the university chaplains, the CUS committee has gathered a group of students who tutor some of the underprivileged children in Halifax.

Because of the growing concern on all campuses about the mental health of university students, several universities have conducted Mental Health surveys, and all are involved in attempts to determine the causes of increased mental health problems amongst students, and ways of



We marched last fall

combating such problems. Indicative of the concern, the topic of the CUS IX Annual Seminar Aug. 28 to Sept. 3 this year is "Identity and Anxiety: Crisis of Identity and Anxiety: Crisis of a Student Generation."

Inter-campus debating is also under the direction of the CUS Committee, as is a student disport service offered by Halifax merchants to students in the city.

CUS provides information about travel, and about the nationally organized tours and flights available. One of CUS' most popular and well-known programs is ISEP - the Interregional Scholarship Exchange Plan. Through the aid of the University Administrations

and the Centennial Commission, CUS has organized scholarships which enable 2nd or 3rd year students to study tuition free at universities in a region of the country remote from that of their home universities. This program fosters greater understanding between regions of our divided country, and with its proposed expansion more students should be fortunate enough to be involved in coming years.

In an attempt to increase the knowledge and understanding of Dalhousie Students in French Canada, the CUS Committee sponsored a French Canada Week Feb. 20-25. During this week, prominent French Canadian Personalities such as Gillis Lamontagne, Mayor of Quebec; Claude Ryan, Editor of Le Devoir, and Msr. Laporte, Minister in the Quebec Government came to speak with the students and the public about the problems and status of French Canada.

University dorms for men & women

To gain a closer communication between residence women and those living off-campus, the Delta Gama organization plans combined on-campus activities involving both groups, including the popular Sadie Hawkins week and the annual blood drive.

For an equally important communication with the Men's Residence, an inter-residence cooperative effort is made to plan co-educational social activities.

University life in all respects is an exceptionally fine experience and is certainly enhanced by the well-planned organizations and facilities which are provided through the combined efforts of interested students and the administration.

Residence Council provides another interesting area for activity. Residents run for executive offices or representative seats on the council and work on the committees which keep the Residence running smoothly.

Residence Council provides another interesting area for activity. Residents run for executive offices or representative seats on the council and work on the committees which keep the Residence running smoothly.

Residence Council provides another interesting area for activity. Residents run for executive offices or representative seats on the council and work on the committees which keep the Residence running smoothly.

Residence Council provides another interesting area for activity. Residents run for executive offices or representative seats on the council and work on the committees which keep the Residence running smoothly.

Residence Council provides another interesting area for activity. Residents run for executive offices or representative seats on the council and work on the committees which keep the Residence running smoothly.

Residence Council provides another interesting area for activity. Residents run for executive offices or representative seats on the council and work on the committees which keep the Residence running smoothly.

Residence Council provides another interesting area for activity. Residents run for executive offices or representative seats on the council and work on the committees which keep the Residence running smoothly.

CAREERS Pharmacy offers opportunities

By D.G. DUFF
Director
College of Pharmacy

Graduates in Pharmacy have numerous opportunities open to them due to their broad scientific background in the health sciences. The majority of graduates are employed in retail pharmacy, where the duties of the pharmacist may be quite varied. His principal duty is to receive, interpret, and dispense the physician's prescriptions. Many of the medicines used today are the products of the pharmaceutical manufacturer but the pharmacist must know what they contain, how they are intended to be used and how to store them in order that their potency may be fully maintained. He must also be able to prepare many medicines which are not available from a manufacturer. In addition he is required to advise the general public regarding the use of other items related to health care. Depending upon the store, the work may also include the general responsibilities of a business man.

Many graduates find employment in Hospital Pharmacy. Duties in Hospital Pharmacy are very similar to those of a dispenser in Retail Pharmacy. The Pharmacist works very closely with the medical profession.

Those graduates who are interested in research and who have good academic records may elect to study at a graduate school for the Master's degree or a doctorate in Pharmacy. These advanced degrees enable them to enter into research in the various fields of Pharmacy and also prepare them for teaching of Pharmacy in one of the Colleges of Pharmacy. Pharmacy graduates are in demand in industry and in Government laboratories. Duties and salary will depend upon whether they have obtained a Bachelor's degree in Pharmacy or a more advanced degree in

Pharmacy. Other opportunities for Pharmacists include positions as medical representatives for Pharmaceutical manufacturers and inspectors for the Government.

Dalhousie University offers a four year course leading to the degree of Bachelor of Science in Pharmacy. Entrance requirements to the College of Pharmacy is Nova Scotia Grade 12. Work leading to the degree of Master of Science in Pharmacy is also available. The Grade 12 subjects that are required are the same as for Arts and Science. Dalhousie Entrance Scholarships are available to students entering the College of Pharmacy. The special abilities and characteristics necessary for a successful career in Pharmacy are as follows: cleanliness and orderliness, accuracy, a sincere desire to learn while training and to continue to learn after graduation and an aptitude for science, since much of the curriculum is devoted to the study of basic science in the classroom and laboratory, and integrity. The curriculum includes classes in Chemistry, Biology, Physics, English, Physiology, Pharmacology and Biochemistry. Pharmacy instruction includes Pharmacology and Dispensing, Pharmaceutical Chemistry and Pharmacognosy or the study of drugs from plant sources.

Opportunities upon graduation are numerous as there is presently a shortage of Pharmacists in Canada. A large number of girls are presently entering Pharmacy and equal opportunities exist for both men and women. Remuneration after graduation will vary depending on the field of Pharmacy and the area.

Further information regarding opportunities in pharmacy may be obtained by writing to the College of Pharmacy, Dalhousie University, Halifax, Nova Scotia.

Two-year program in Engineering

By Dr. K.F. MARGINSON
Head of Dept. of Engineering

Engineering is a profession concerned primarily with creating things. These things are often tangible devices, structures, and processes such as the refrigerator, superhighway, petroleum refinery or television set, that so profoundly influence our daily lives. The engineer creates these devices by a process referred to as design, and in this day and age he applies sophisticated scientific theory. It is well to differentiate between a scientist and an engineer, however. The former is concerned primarily with generating new knowledge, while the latter is concerned primarily with creating new things. The engineer uses scientific knowledge, when it is available, but frequently designs without it. An excellent discussion of engineering is contained in - Krick, Edward V., "An Introduction to Engineering and Engineering Design", John Wiley and Sons, 1965. You may borrow a copy from any freshman engineering student at Dalhousie, or from the Dalhousie Science Library.

Because of the large and substantially different bodies of knowledge required for the solution of various engineering problems, it is customary for engineers to specialize. Typical specialties are aeronautical, chemical, civil, electrical, industrial, mechanical, metallurgical, and mining engineering.

To become an engineer by studying in N.S., you must first study for three years at Dalhousie University (or another University which gives engineering training). This period of your training emphasizes the development of the necessary scientific skills which all engineers require. At the completion of this course you will receive a B. Sc. from Dalhousie, and then proceed to take further specialized training for two years at the N.S. Technical College in Halifax. At the completion of this course, you will receive a Bachelor of Engineering in a particular speciality, such as Electrical Engineering.

Practicing engineers find great satisfaction in their work, since it is challenging and creative. There is currently a strong demand for engineering graduates, and in our technical society this demand is expected to remain strong.

University and student's future

By E.B. MERCER
Assistant to the President

Before you decide that college is not for you because you don't want to be a teacher, lawyer, minister, dentist, doctor or engineer, consider some of the other occupations, perhaps not so well known, that you can prepare for with university training. Indeed those I am going to mention require only two years beyond Senior Matriculation before you are ready for employment.

I refer to careers in physiotherapy, dental hygiene, nursing, library science, pharmacy, social welfare and psychology. Although automation is doing us away with many jobs we are beginning to realize that this doesn't have to be a bad thing. More of our human resources now can be used to make life healthy and more pleasant for all. More hospitals, clinics and rest homes are being built which will require nurses, physiotherapists and pharmacists. In addition to doctors. Yes, even nurses go to college nowadays, especially if they wish administrative and teaching positions.

In order that they may be able to handle more patients per day dentists are reorganizing their methods to make use of specially trained dental hygienists, who will take over some of the routine work in their practices.

The school systems are employing an increasing number of psychologists as guidance counsellors realizing that much wastage in drop-outs can be prevented by professional advice and treatment.

The day is coming when trained social workers working as a team will undertake the rehabilitation not just of the unfortunate individual but of the whole depressed family from which he came.

Finally, with the tremendous expansion in knowledge, the problem of making available the latest information to scientists, engineers, business executives and the like is becoming increasingly more complex. This is the province of the Librarian who is now using microfilm, closed-circuit television and computers to aid him in his work.

You can enter one of these interesting careers if you make up your mind to it while you are still in High School. The time to start is now. Become an expert in mastering the small learning assignments you are set to do each day. It is usually too late by the time you reach university to learn the study habits which are necessary to reach the goal you have set for yourself.

This spring send for the Calendar of the university of your choice and find out what subjects you need to qualify in your chosen field. Write to the university for further information if you have questions. Inquire about scholarships and bursaries.

Foreign students group: international program

By TAN MENG HEE

The story of the I.S.A. on campus is one of tremendous growth. From relatively small beginnings a few years ago, the Dalhousie I.S.A. has developed into one of the best organized and well known student organizations on campus to-day. Its influence is spreading, even beyond the bounds of the campus - into high schools, community groups and across the nation.

This fantastic spread occurs partly because the I.S.A. has, as its basic aims of existence, the creation and perpetuation of international friendships between students from various parts of the world, and the development of a mutual, reciprocal understanding of the lives and cultures of each other.

To these ends, the I.S.A. has organized programs which tend to bring together students from various nations, and to entertain and inform them. These programmes include the International Dance-O-Rama and the International Soiree, National groups also had their chance to display their cultures to the I.S.A. audiences through Malaysian Night, the West Indian Night and the China Night. A regular feature of all these functions was the 'coffee break', during which people had a chance to mingle and make friends. But, the I.S.A. has done more than this - it has made its members feel and think as one, and not along national or racial lines. It is paving the path of peace through understanding.

Apart from fostering international understanding, the I.S.A. has also done a lot for the overseas students on campus. For the first time this year, new Non-Canadian students benefitted from an efficient reception programme on their arrival in Halifax. It has given both Canadian and Non-Canadian students the opportunity to demonstrate their talents and exploit their potentials. It has also served as an entity to which all Students can belong.

Much has been started. More is yet to come. The I.S.A. will continue the good work of the past, to cement international relationships and to create international goodwill.



I.S.A.

Campus athletics

By BILL RAINE

Athletics on Dalhousie campus is not a word that automatically causes excitement and riotous enthusiasm. However, they are improving and we hope will continue to do so until eventually we are tops in the country.

Things are a little dismal right now. The football team was not a howling success this year and only showed their real potential in the last game of the season when they clobbered Mount Allison. Hockey also is in a rather depressing state but Coach Selder is trying hard and has the desire to build a winning team. Basketball is another story. Coach Yarr, with all his Maritime talent, has built a real confidence thrust. It can only get better. There are the major sports that along with swimming form the real seasonal sports on campus.

However, Dalhousie Athletics do not stop there. You name it and it is offered by our Physical Department, either competitive or recreational; they are all an integral part of the program. This year we began compulsory physical education classes for all freshmen. It is a large project and may or may not be continued but it shows the growing interest in the fitness of all by this Department.

So you can see that emphasis on campus is not all on the big team competitiveness but also on the little John Doe who does not excel in any particular sport. Everybody has a place; if you cannot compete then you can support and really this is as important as any phase of the program. To know that you have a large part of the student body solidly behind you is a big boost to any team. So whatever you decide, be active and make people know

CAMPUS ACTIVITIES

MEN'S ATHLETICS

that you are a real student and a strong supporter.

WOMEN'S ATHLETICS

Dalhousie University is a member of the Maritime Women's Intercollegiate Amateur Athletic Union and competes in all the varsity and junior varsity sports that the union offers: field hockey, volleyball, basketball, swimming, and badminton. Team members have an opportunity to visit all the Maritime universities.

Interested students are urged to attend team tryouts. The level of skill in intercollegiate competition is not as far removed from that in high school as one might expect. Freshettes form a large percentage of the members of any team and are given ample opportunity to increase their skill.

All varsity and junior varsity teams have student managers. Freshettes are invited to apply for these positions at the Athletic Dept. registration week.

For those with little or no experience in sports there is the recreational program offered by the D.G.A.C. Every girl registered at Dalhousie is a member of the Dalhousie Girls' Athletic Club and may participate in any activity of the club. Intramural tournaments are held in volleyball, basketball, swimming, badminton, ice hockey, and bridge. The groups for which students compete are: Alpha Gamma Delta, Arts, Commerce, Education Law, Nursing, Pharmacy Physiotherapy, Pi Beta Phi, Science, and Shirreff Hall. A trophy is awarded to the organization with the most points at the end of the year. Instruction is offered in modern dance, gymnastics, judo, diving, keep fit and curling.