



The Stormy Clovers are coming to Winter Carnival in February.

Winter carnival a low budget show

LINDA GILLINGWATER
Managing Editor
Need a red hot phallic symbol? Oh, haven't you heard - the cars with the animal names reveal our inward repressions or fears or some such rot. In any case all you need to get a Mustang is a driver's license and a ticket to this year's Winter Carnival, Feb. 2-5.

Carnival '66 was a fiasco. Organization was poor, finances were shaky, and participation was practically non-existent. Despite last minute attempts by council members to arouse interest, carnival, under the direction of Mike Nihill, lost about \$3000.

Carnival '67 promises to be better. It can't possibly lose as much money because it isn't spending any - at least not much. No big "name" groups are coming to the campus.

Peter Lucas, this year's chairman hopes that a maximum of fun is going to be provided for a minimum cost. Block tickets are \$8. This will give you admittance to the Ball, the outing at Mount Martock, the Black and Gold Review, and the Gordy Lightfoot, Stormy Clover Concert.

The theme of the ball is Centennial year. Two ballrooms are being used; two bands will be in attendance. One room will feature displays from the 1867 era, the other from 1967. Bartenders will be costumed appropriately. The mezzanine area will have models of the buildings being constructed on campus as well as information on Expo. Expo hostesses are being flown down from Montreal. Expo passes will be given as door prizes.

Friday, Feb. 3 there will be an outing to Mount Martock. Buses leave the campus and everything is free. Skiing, tobogganing, skating and a dance will highlight the day's activities. The same evening the Black and Gold review will be held in the Dal Gym. Traditionally the review consists of various skits, songs, and other student talent. Last year the Dal men's residence "distinguished" itself by putting on a very risque

skit; Lucas hopes a similar occurrence will not take place this year. Judging of the ice sculptures takes place on Saturday. In previous years the various sculptures were built on the Halifax camp; this year they will be constructed on University Avenue. Their theme is Centennial year and Lucas hopes that various "monumental occasions" in Canada's history will be represented.

The same evening a fold concert will be held at Queen Elizabeth High. The very popular Gordon Lightfoot who made a brief appearance to Halifax at the Privateer Coffee house in November will star. Added to this Carnival

has engaged the Stormy Clovers, a new group on the Canadian scene. The Toronto Telegram feels that they have "outclassed Ian and Sylvia and the Mama's and Papa's in originality and virtuosity." "The Clovers," they said, "seem to have innate senses of showmanship, programming and musical taste." The Clovers cut their first record early in December.

The week's activities will be rounded off by a varsity hockey game between Dalhousie and St. F. X.

About that Mustang - actually you can only have it for a week; it is going to be a door prize at the Folk Concert.

New machines

Computers make quiet appearance

By BEV HARNISH and JOYCE McCLEAVE

The exterior is misleading but inside, the large brown house on South Street is the scene of much activity. This is the location of the Computer Centre. Another computer is housed at the Public Health Building.

Both machines are rented from IBM until they are outdated. These are both available to undergraduates and graduates of Dalhousie.

The model 1620 IBM machine was moved at the end of August to the computer center. The printing section will remain at the A & A building for use by the registrar. It has been at the A & A for the past two years. It is used for instruction in programming as a non-credit class compulsory for some branches of psychology and commerce.

An 8-10 week extension course is given for those without affiliation with Dalhousie. The course costs \$50.

The computer at the public health building is used in the biophysics and medical fields. This machine, model 1130, is approximately the same size as the other but does work up to ten times as fast. The computer center employs eleven persons full time. These include four operators, six programmers, and the director, Professor H.S. Heaps.

Three new faculty members have been appointed to see to the running of the Centre. They are Professor H. S. Heaps, Director of the Centre, Y. W. Tsang, Assistant Professor, and Mrs. E. Payne, a computer programmer.

Professor Heaps came to Dal directly from N. S. Tech where he was Professor of Engineering Mathematics for the past 15 years. This is not Professor Heaps' first experience as a faculty member at Dalhousie for he was in the Dal, Math Department from 1947 to 1949.

He attended the University of Manchester, where he earned a B.Sc. and later obtained a Mas-

ters degree from the University of Toronto. His interest in computers and in applied math has taken him to conferences in Britain, France, and Holland during the last 2 years.

Born in Canton, China and brought up in Hong Kong, Y. W. Tsang is an assistant professor on the staff at the Computer Centre. Educated at the University of Taiwan, from which he received a B.Sc. in Mechanical Engineering, he obtained his Masters at N. S. Tech and at present is working on his Ph.D.

Professor Tsang has been in Canada about 7 years and during this time has been back to Hong Kong only once. He enjoys living in Canada and has travelled extensively in Ontario.

The third new faculty member at the Computer Centre is Mrs. Elizabeth Payne, a computer programmer. Previously employed at N. S. Tech, she attended Acadia and Dalhousie Universities, receiving a B.Sc. with Honours in Chemistry from Dal.

Mrs. Payne is the go-between for the Computer Centre and the other faculties. In addition, she gives class lectures in Fortran programming.

All three stressed the growing career opportunities in the field of computer science. Professor Tsang estimated that by 1970, 750,000 computer programmers will be needed in the United States and Canada.

Some Universities now grant degrees in computer science. At present Dal. is not one of these but Professor Tsang hopes that it will soon do so.

Science society

Jan. set for election

The science society is having a traumatic year.

At the beginning of this term, the executive decided that a greater number of students could be served if more money was provided to the clubs of the disciplines. These include the Biology Club, the Chemistry Institute of Canada, the Physics Club and the Dawson Geology Club. On this assumption the constitution was changed. A great deal of work was done on the constitution but the general meetings necessary to pass it were so tedious everyone sighed with relief when they were over.

The executive sat back and enjoyed the leisure that it had created. But all did not proceed as planned.

Last week, President Mike Ruttock resigned because he felt he "would no longer have the full support of the executive."

This mystified everyone, including the executive. They admitted nothing was being done but couldn't decide who was to blame.

The result of the resignation which was accepted "with regret" was the calling of an election for December 6 at a general meeting. The meeting did not have a quorum so the election has been postponed until early January.

However, nominations were received and the nominees were interviewed. Those in the running are Marg Barnard, 4th year honours bio-chemistry and Jim Robar, 3rd year physics honours.

When asked if there was a need for a science society at all, Miss Barnard said that the society served a purpose in co-ordinating

the individual clubs -- especially in sports -- and that it unites the science students. Miss Barnard stressed Open House, which is the next activity to which the society can contribute. She expressed the wish for a co-ordinated effort by all science students as well as individual displays by each department.

Robar felt that the society should play an active role in helping communications between the individual clubs. He suggested a monthly newsletter for this purpose.

Other plans include supporting individual clubs while retaining contact between them, and improving the executive meetings to the point of having minutes read and reports given.

Both candidates agreed that it is a pity that the science society holds no interest for freshmen, but added that this is a common problem among all student societies. They stressed that freshmen are welcome to attend all meetings.

Chess club in 2nd year

The Dalhousie Chess Club, formed a year ago by a group of students interested in encouraging the playing of chess in the university community, has now begun its second year of operation.

During the last year members of the club played in matches against a group from the Mount Saint Vincent Club, which was formed in the early part of 1966 with some encouragement from Dal. It is highly likely that the survival of both clubs was, at least in part, due to the existence of the other.

Between the end of the 1965-66 academic year and the end of the Thanksgiving weekend members of the club have played in the Nova Scotia and Maritime Chess Tournaments, placing third, ninth and eighteenth in the Nova Scotia and eighth, sixteenth and twenty-fourth of a generally much stronger field in the Maritime Tournament.

So far the club has played in

a match against Mount Saint Vincent and has plans partially laid for a program of competition which will be much more extensive than that of last year. Preparations are already under way for a challenge match against faculty members and it is hoped by the club executive that matches will be played with most of the universities in at least the immediate area, if not all those within the province, and against several of the area's high schools. The club and its executive hope that despite the seemingly limited interest in the game here at Dal that the year will be a successful one.

Anyone interested in Chess, who has not been able to get in contact with the club and wishes to do so, may leave his name at the Publicity Office, Arts Annex or call Doug Brown at 466-5831, sometime between six and seven in the evening, Monday through Thursday.

Films

JOHN CHATTERTON
Students have formed two film production groups on campus, the Film Production Unit and a very freelance group tentatively titled Pandemic Films.

The first group has a constitution and a slate of officers, and hopes eventually for Student Council recognition. Naturally, anyone may join, and is encouraged to do so: the group contains no less than five students at present.

These students aim to produce a number of short films (about 15 minutes each) with 8mm. equipment, bringing in visiting instructors to provide technical know-how.

There are various sources of funds for the group, but they are sufficiently restricted to impose a tight quota on initial production. All scripts for production come from students, and contributions are welcome; the more decent scripts there are to choose from, the better the start the Unit will get off to.

Peter a man of action



By LINDA GILLINGWATER
Managing Editor

Seen that "ray of sunshine" lately? No. Well you couldn't have missed Council's "golden boy wonder" could you?

Of course not - it's Peter Crawford, Council vice-president wending his weary little way around the campus organizations doing all kinds of vice-presidential things. (Not the least of which is giving female editors "ego shots" twice daily.)

Peter is a man of action, said Council Administrator, John Graham. "He's always, pleasant, willing and able to get things done on a very short notice."

Crawford described his position as being a difficult one; "I am not sure just exactly what my position is but as far as I can figure out a vice-president has to be able to recognize that he is not the president but, at

the same time, he has to be able to speak with the authority of a president when the latter is not there."

Peter can do just that. During that course of a half-hour interview Peter solved the Pharos problem (Dal's yearbook), placated a rather frenzied Council President who was ranting about the #\$\$%&*@& editors of Pharos, complimented John McKillop on his television interview, and ignored a snide remark by that sometime executive assistant, George Munroe.

"I have been spending as much as four or five hours a day in the council office," said Crawford. Now, due to "professorial" reasons he spends much less. Naturally the work doesn't get done but "at least I don't see it or hear about it."

Asked about the calibre of council members Crawford said that "the standard is much better this year. More people are speaking during the meetings and saying what they want to say." Awareness on the part of the student body has increased as well. Crawford feels that "more people are thinking about what we are doing."

Crawford "apparently" has no intentions of running for president next year. Young dropped in to mention "when we run again next year" we should... but Crawford cut him off and denied the possibility. "I wouldn't go for president," he said, "I

wouldn't like the job." Crawford intends to go to law school next year.

Born in Minto, New Brunswick (a rather obscure little mining town to all you upper Canadian readers) Crawford attended Bishop's School in Quebec and has been living in residences for the past twelve years. "While it is one of the greatest processes of growing up that anyone could have," residence life has posed certain problems for Crawford. At one point he forgot what his parents looked like. A younger brother was called in for consultation.

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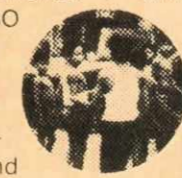
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