

## Manzer passes out, Benjamin lucks in for Editor

By TOM BEST

Managing Editor Tom Benjamin was elected Editor-in-Chief of The Brunswickian in the election held Sunday in Room 26 of the Student Union Building. After the first ballot was tallied he had received the necessary two thirds vote over News Editor Derwin Gowan.

Although only 14 staffers were present, there were ten absentee ballots to provide the necessary

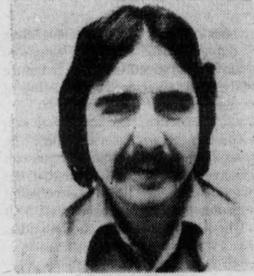
two thirds of The Brunswickian staff for the quorum.

In a brief speech, Benjamin indicated that although he planned no drastic changes, there would be a few. A content change would be in hand with more investigative reporting and some changes in advertising.

As far as advertising goes, Benjamin explained that he would like to see a local bureau similar to the national one set up. A set up of

this type would facilitate the job of the advertising department which at present is a lengthy and complicated process.

Benjamin would also like to develop a regional newsletter along the lines of Canadian University Press publication. This would create a greater unity between the university papers of the Atlantic region. He said that the quality of The Brunswickian as far as the actual print is concerned should improve when the Gleaner, which prints The Brunswickian, goes to a full offset process. The Gleaner will also be loaning The



Tom Benjamin

Brunswickian some equipment next year which will help in the layout of the paper.

Following Benjamin's election Mr. Gowan congratulated him and stated that it had been a privilege to run against an opponent as worthy as Benjamin.

The present Editor-in-Chief, Sue Manzer, will hand over the reins of command for the last issue of this year, March 14 and has stated that she thinks that Benjamin will do a good job at his new post.

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Yearbook '75 wants your action shots- anything fun, exciting, dull, or gross that happened on campus.



Submit prints and/or-negs, preferably black and white, to Roy Neale, Yearbook Office or SRC Office, SUB by Feb 28.

## We're being watched

By LORNE McINTOSH

Have you ever seen a satellite? Something like a star moving swiftly across the night sky, briefly illuminated by the sunlight shining past the earth, may have been one. The Earth Resources Technology Satellite (ERTS) is only one of the multitude of satellites which presently orbit our planet.

ERTS has been in orbit since July 1972, circling the earth from pole to pole approximately once every 105 minutes. Camera-like instruments on board view the earth directly beneath the satellite, scanning a path approximately 185 kilometers wide on each orbit. Sequential images along these paths are created electronically and transmitted in digital form to receiving stations on earth (e.g. Prince Albert, Sask. in Canada) where the vast amount of digital data may be processed and transformed into a 'normal'

photographic-type of image. These images may be ordered from the National Air Photo Library in Ottawa.

As in normal photography, the image of the earth scene is produced by the satellite sensors as a function of the intensity and wave lengths of light reflected from the scene to the sensors. The present ERTS system operates in four wave bands: blue-green, red, (both in the visible spectrum) and two bands which extend just beyond the red into the near infra-red wavelengths. Photographic images can be created for any band sensed but usually a combination of two or more provides most information.

Some of the present and potential uses of ERTS imagery are in the fields of geology, forestry, geography, and environmental monitoring. For example, infra-red (IR) radiation from the sun penetrates water better than blue-green wavelengths, so that an image created in the infra-red bands would probably show clear water as black but water with a high sediment load would reflect some of the radiation and show up

as a lighter toned area. Deciduous (broad-leaved) trees reflect more infra-red radiation than coniferous species and so appear as lighter tones in an image which utilizes the IR bands. This makes ERTS imagery useful for some forestry purposes. Because of the large areas covered in each picture, however, fine classifications of forest cover types are difficult. This same extensive coverage provides a useful tool for the geologist who may be interested in large surface features which reveal information about geological formations.

Some of the problems yet to be solved in the use of satellite imagery include simply the processing of vast quantities of data which originate and are stored in digital form. Several research programs are underway seeking better and faster techniques for the transformation of this data, usually via computer, into forms more readily interpreted by people who do not have sophisticated equipment at hand and who often prefer to work with something that looks like a map or photograph.

## Pratt elected Station Director

By STEVE FOX

Elections at CHSR last Thursday night filled five executive positions for the upcoming year. The positions and people elected to them are: Station Director - Chris Pratt, Station Manager - Alex Varty, Programme Manager - Bruce Oliver, Business Manager - Alan Patrick, and Chief Engineer - Jim Nason.

When asked for comment, Pratt replied, "I think I'm very fortunate in having such a good bunch of people to work with for the coming year as we go off campus. All of us want to be of service to the student community and we look forward to being of service to the Fredericton community as well. I would like to thank the outgoing executive for the fine leadership that they gave the station last year."

In its first meeting on Monday night, Warren MacKenzie asked the SRC to ratify the election of Pratt and Patrick. These are the only positions that require ratification by the SRC as they are the ones that involve dealing with the external affairs of the station.



Chris Pratt

Pratt then told the Bruns, "I look forward to working with MacKenzie as we do the SRC show every Tuesday night. I hope that all student elected representatives will use CHSR as a means of communicating with the people who elected them."

He indicated some of the changes facing CHSR in the future: off-campus radio, new style of programming, better easy listening music oriented meal times, more campus orientated news, and many surprises.