

From shit to steak

WATERLOO (CUP) - Microbes will soon be used by the University of Waterloo chemical engineering department to convert manure into

Fertility fears

NEW YORK (ENS-CUP) - Chemical fertilizers are more destructive to the earth's protective ozone layer than aerosol sprays, claims a Harvard University scientist.

Michael McElroy, professor of atmospheric science at Harvard, says increased use of nitrogen fertilizers could reduce the ozone layer by one-fourth in the next 25 years.

Many scientists believe that 15,000 new skin-cancer cases could result in the U.S., alone, if the ozone layer is reduced by a mere 1 percent.

The problem of chemical fertilizers is much more serious than the ozone depletion caused by aerosol cans, says McElroy, because man can live without hairspray but modern agriculture is dependent upon the continued use of nitrogen based fertilizers.

feed for livestock (cattle, hogs, poultry).

The microbes will be housed in a fermenter where they diet on animal wastes from which they are expected to produce nutritious protein.

Professor Murray Moo-Young, with the help of University of Guelph animal nutritionist professor David Mowat, will be carrying on the work to try to build a practical system for producing protein this way.

The National Research Council has provided \$80,000 in the hopes that means may be developed for producing all the protein on a farm that its animals may require.

The manure on the farm would ideally be put into a special fermenter where the yeast-like microbes would go to it. The animals would then feast on the resulting protein.

Livestock now dine on imported soy bean and fish meal. The United States is the main supplier for the estimated \$50 million spent annually by farmers in Ontario for imported feed.

Striking students over a barrel

MONTREAL (CUP) - Geography students at the Universite de Montreal, on strike since early October, have been told to write their exams or give up their academic year.

The geography students walked out in early October after the U de M administration refused to negotiate course content and representation on

the departmental level. They have since called for the dismissal of four professors considered "incompetent."

An administration ultimatum, delivered by registered mail January 15, told the striking students they must re-enrol for the last term or they would no longer be considered registered students.

Professors within the department have condemned the ultimatum and called for an outside investigation to evaluate what should be done.

An occupation January 5 by about 60 geography students resulted in the administration calling in police.

Optometrists

DRS. LeDrew, Rowand, Jones, Rooney, Bain and associates

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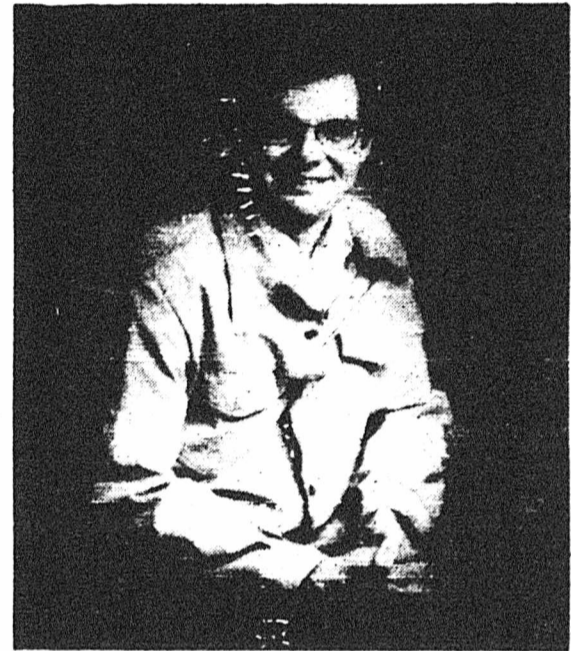
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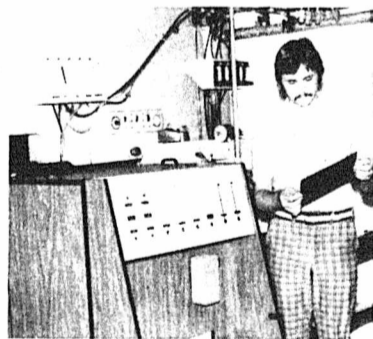
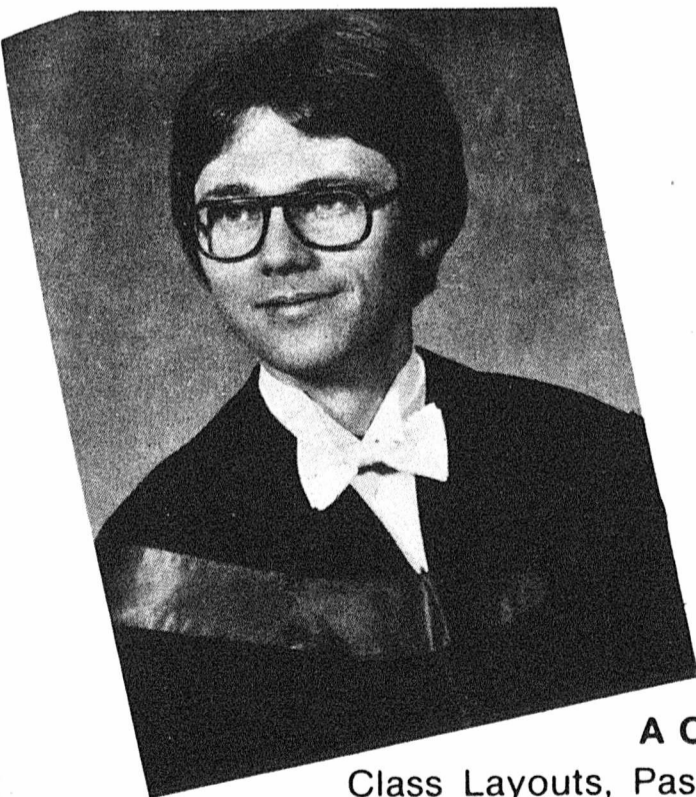
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