

# MUSICIANS

**BAND OF THE CEREMONIAL GUARD**



REQUIRES MUSICIANS TO PERFORM PRINCIPALLY FOR THE CHANGING THE GUARD CEREMONY IN OTTAWA DURING THE SUMMER OF 1984. AUDITIONS FOR BRASS, REED, AND PERCUSSION INSTRUMENTS WILL BE HELD DURING FEBRUARY AND MARCH IN MAJOR CENTRES ACROSS CANADA. SUCCESSFUL CANDIDATES WILL BE OFFERED EMPLOYMENT IN THE CANADIAN FORCES RESERVES FROM 10th MAY TO 27th AUGUST INCLUSIVE. ACCOMMODATION, MEALS, CLOTHING, EQUIPMENT, AND INSTRUMENT ARE SUPPLIED.

APPROXIMATE PAY FOR THE PERIOD (BEFORE TAX)

**\$3300**

PRIVATE SIX MONTHS SERVICE - \$3700  
CORPORAL (BASIC) ONE YEAR SERVICE - \$4200

APPLICATIONS ARE WELCOME FROM WELL-MOTIVATED MUSICIANS HAVING ACHIEVED A MINIMUM TORONTO CONSERVATORY LEVEL OF GRADE 8 OR EQUIVALENT ON ONE OF THE FOLLOWING INSTRUMENTS:

TROMBONE	TUBA	PERCUSSION	FLUTE/PICCOLO
TRUMPET	FRENCH HORN	SAXOPHONE	OBOE
CORNET	EUPHONIUM	CLARINET	

TO BE ELIGIBLE, A CANDIDATE MUST PASS A SERVICE-ADMINISTERED MEDICAL, BE AT LEAST 17 YEARS OF AGE, BE A CANADIAN CITIZEN OF GOOD CHARACTER, AND BE FOUND SUITABLE BY AUDITION. JOB DESCRIPTIONS AND APPLICATION FORMS ARE AVAILABLE BY WRITING IMMEDIATELY TO:

Band of the Ceremonial Guard  
Canadian Forces Base  
Ottawa (Rockcliffe)  
Ottawa, Ontario  
K1A 0K4



or by: Telephoning your nearest  
Canadian Forces Recruiting  
Centre.  
(in the Yellow Pages under  
Recruiting)

# Bikers sought for killing deer

Lethbridge (CUP) - Lethbridge police and the Fish and Game Association are seeking information about a gang of bikers who witnesses say relentlessly chased a deer until it jumped off a sixth floor terrace at the University of Lethbridge.

The suffering deer, bleeding internally and externally from injuries sustained during the Nov. 16 chase, was killed by a university student who used a knife to slit its throat. The deer had broken its back, antlers, teeth and jaw after the head first fall.

Witnesses said they saw the deer being chased by motorcyclists near the university track. The frenzied deer continued running across the university grounds after the motorcycles left, climbing the terraces of the main building.

As the deer ran alongside classroom windows, students observed blood running out of its mouth. It collided with doors and windows, before climbing on the terrace and taking the deadly plunge.

"It was a mighty lowdown thing to do," said wildlife officer Bill Petters, who removed the carcass.

The Lethbridge police and the Fish and Game Association are

offering rewards for information leading to the arrest of the motorcyclists.

Peters said the offenders can

be fined under the wildlife act, and prosecuted under the criminal code for "cruelty to animals."

# Computer lathe aids cancer research

from page 6

Controlled by a computer. Programs fed into the computer designate radial points on the lathe's x and y axis. The x axis controls the depth of the cut, which is defined by a specific pitch. The y axis controls the circumference of the object, which can be any dimension up to 14 inches in diameter.

The smoothness of the object's surface varies according to the speed at which the machine is coordinated. The faster it moves, the finer the cut.

Equipped with a TV monitor, which magnifies the operation 15 times, the machine enables the operator to determine necessary corrections.

The second factor that contributes to the machine's accuracy is its unique construction. The rotation parts of this machine are supported by air bearings. Air bearings eliminate vibration, caused by steel rubbing on steel which

is what happens in other lathes, contracted with steel bearings.

The \$900 diamond cutting tool is the third factor contributing to the machine's accuracy. The University has 5 of these. When they become dull, they are not discarded, but are sent away to be sharpened.

The lathe has one drawback. When infrared light is used, the components cause scattered reflections of the main beam. The machine cannot make the surfaces smooth enough, so use of the components is limited to experiments with visible light.

The University has considered contracting the machine out to industry, other universities, and research facilities. This would pose few problems, since with the help of the computer's memory, the machine is capable of rattling off duplicates of shapes in a matter of seconds that would take any other machine days.

**200 YEARS OF AFFORDABLE HARDCOVER BOOKS**

**BJARNE'S BOOKS**

Whyte Ave. & 100 St. (Upstairs)  
\* Our 3rd Anniversary \*

# DO YOU HAVE SUGGESTIONS FOR ALBERTA UNIVERSITIES?

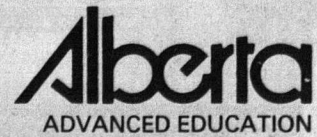
You are invited to participate in a meeting of the Minister's Advisory Committee on University Affairs, chaired by Dr. Terry Moore, to be held on

**MONDAY, JANUARY 30**  
**UNIVERSITY OF ALBERTA**  
Room 3-15 University Hall  
10:30 a.m. to 11:45 a.m.  
1:30 p.m. to 4:30 p.m.

**TUESDAY, JANUARY 31**  
**WESTIN HOTEL**  
101 Avenue and 100 Street  
Turner Valley Room  
10:30 a.m. to 12:00 noon  
3:00 p.m. to 4:30 p.m.

The Advisory Committee on University Affairs is made up of citizen volunteers representing all areas of the province. Its purpose is to solicit the views of the public on matters affecting Alberta's universities and to pass them immediately and directly to the Minister of Alberta Advanced Education.

All interested persons are invited to attend. Groups and individuals wishing to speak with the Committee, or make written presentations should contact  
Dr. Gail Babcock  
Executive Secretary  
6th Floor, East Tower  
Devonian Building  
11160 Jasper Avenue  
EDMONTON, Alberta T5K 0L1  
Phone 427-8493 (call collect)



# Attention Engineers

Your engineering degree qualifies you as a commissioned officer

This is no ordinary opportunity! A commission in the Canadian Forces opens up a whole new world of possibilities for engineers, whether you become a soldier, sailor or airman. Travel. Adventure. Comradeship. Competitive salary and benefits. And best of all, a range of challenges so vast you may not believe it.

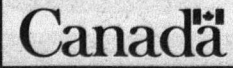
We need engineers in all the usual disciplines—civil, aerospace, electrical, mechanical, chemical and metallurgical—but we also need engineers for specialized military fields like maritime and land ordnance (weapons and equipment).

The Direct Entry Officer (DEO) plan gives Canadian men and women the opportunity to gain commissioned officer status based on an engineering degree. As an officer, you'll participate in a totally unique lifestyle. Time and again, you'll be called upon for leadership, courage, dedication and strength.

The Canadian Forces needs engineers ready to maximize their career potential. Challenge yourself and talk to your Canadian Forces counsellor today! See the Yellow Pages under Recruiting.



**THE CANADIAN ARMED FORCES**



WRZ 43