#### THE BATTALION Page 3

# Team studies adaptive vans for quadraplegics to drive

draplegics in the United States, no use of their legs and only ted use of their hands. Only out 10 per cent are employed and ryfew can enjoy even the simplest sures of life

he joy of sightseeing, recreation wen shopping is denied them bese they have no means of indeent transportation

exas A&M University and Baylor te automotive equipment deed for such persons.

s work is being continued igh a \$160,653 grant from the rans Administration to "test and nate commercially available auotive adaptive equipment de-ed for use by disabled drivers develop additional equipment se by quadraplegics," explained rincipal investigator, Dr. Make ermott, Jr. of A&M's industrial

eering department. is joined by Dr. Lewis A. vitt of Baylor College of cine and Rodger J. Koppa of M's Texas Transportation Insti-te, along with task leader Dr.

work in this area. The V.A. needs to insure that the

adaptive equipment allows the dis-abled driver to operate his vehicle so equipment meets minimum

standards of safety and quality." "Since the V.A. is the major pur-chaser of this kind of gear, normally ege of Medicine have formed a of researchers to test and adopted by industry," McDermott adopted by industry," McDermott

said It took adapted vans to the As-trodome in Houston where a select group of quadraplegics drove them and volunteered hints and criticisms on their effectiveness

They provide evaluations allowing the V.A. to write specifications for the devices and help manufacturers develop their equipment once the evaluations are written.

"For instance, a quadraplegic with limited use of his hands may only be able to exert one pound of force, whereas standard power steering may require three or four pounds, said Duncan. "Possibly a servo along with task leader Dr. mechanism, controlled by a small joy mD. Duncan in heading a group stick, could be substituted for a con-

re are approximately 39,000 that is now entering its fifth year of ventional wheel. This would alter the amount, type and force of movement required to drive in the quadraplegics favor.

The team is evaluating a number that he is safe and isn't a threat to others," pointed out Koppa. "Also they need the assurance that the quadraplegics require a van with a raised roof (so that in a wheel chair, they can move around inside normally), modified hand controls, a lift

for movement from the ground into the van and a wheelchair restraint to lock the chair into place in the driver's position McDermott, Koppa and Duncan stress that their evaluations are for

the V.A. only. They advise that anyone who can transfer to a conven-tional seat auto should do so. They say that a person is really taking a risk driving in a wheelchair.

They have finished evaluations and standards on manual controls which were adopted by the V.A. The group now is evaluating lifts and making improvements currently and have projects underway in the area of servo controls and wheelchair restraints. In addition they will be evaluating entire van systems in the future

#### Campus

WOMEN'S BASKETBALL team will host Wharton Junior College at 8 p.m. today in G. Rollie White Colseum. The two loses to Texas and Sam Houston even the team's record

WOMEN IN COMMUNICA-TIONS, a national professional jouralism society, is forming a chapter at Texas A&M University. Student nembers should have six hours of ournalism courses, with a jour-nalism GPR of 2.7 and an overall GPR of 2.5. Professional members hould have four years experience in communications. A general meeting will be held Monday at 7:30 p.m. in Reed McDonald 003.

AGGIE PLAYERS' PRODUC-TION of "Aesop's Falables" will be presented Feb. 14-19. Tickets, available at the Rudder Center box office Monday, will be \$1.75 for Texas A&M University students and 32.75 for non-students. A child's dmission will be \$1.

DIAMOND SHAMROCK CORP. presented \$5,000 in unrestricted grants to Texas A&M University offiials Wednesday afternoon. Half the mount was awarded in the field of chemical engineering and half in pepleum engineering.

#### Texas

**Top of the News** 

AN EPIDEMIC of highly contagious red measles is in an eastern section of Harris County, said health officials yesterday. The disease, which usually infects children, was first detected in Baytown high schools before Christmas. Now, however, there are at least 70 af-fected children of all ages. SOME GAS SUPPLIERS in

Texas are hesitant to become involved in natural gas to the North-west and to the East. Lone Star Gas Co., the biggest Texas utility, yes-terday said it would provide natural gas if the President ordered it to. Houston Gas Pipe Line Co. and Tenneco Inc., also have not made any preparations to participate in the national emergency energy pro-gram. A spokesman for Lone Star Gas Co. said, "If it is ordered, then we will do it . . . But realistically speaking, the only gas we have to ship to the East is gas we d have to we will do it . take from our customers. I don't believe anybody has any spare gas. No one has spare gas in a cold winter."

JUDGE MAX M. ROGERS of Huntsville was reappointed to a new term as presiding judge of the 2nd administrative judicial district. Gov. Dolph Briscoe reappointed Rogers

THE BIRDS ARE DRUNK in West Texas this year, say wildlife biologists, because the cold winter is producing a natural winery in the area. Wild berries ripen, freeze, thaw and ferment causing birds that eat them to become a little bit intoxicated. An abundant crop of juniper and mountain cedar berries are attracting more of the migratory robins and cedar waxwings than normal, said a wildlife biologist with the Soil Conservation Service.

#### National

ARIZONA WAS BOMBED yesterday by the Nevada Air National have bee Guard. An Air Guard F10 fighter centuries bomber taking part in war games accidentally dropped its load of four 500-pound bombs 40 miles north of Kingman during a refueling exer-cise, the headquarters at Nellis Air Force Base, Nev., reported. The a Sudanese news agency said yester bombs landed in an uninhabited

desert area, doing no damage. TUNA NETTING, a practice environmentalists say kills porpoises in large numbers as it snares the tuna, has been blocked by a federal

yesterday to the new position, which will expire Feb. 6, 1981. ton said yesterday the FBI should help the Commerce Department enforce the ban.

PATRICIA HEARST'S AB-DUCTION, which happened three years ago today, will be the subject of a museum-style exhibit, planned to mark the anniversary of her kidnapoing by the terrorist Symbionese Liberation Army

#### World

world in trust for the people, was given to Queen Elizabeth's subjects today as part of a Silver Jubilee display of more of the historic and artistic masterpieces the rulers of Britain have been gathering for nearly five

President Jaafar Numeiry, proved to be unsuccessful early Wednesday in Juba, and was part of a plot to bring day. An American missionary pilot died in the fighting. The revolt, the second in a year, was trying to restore a degree of political stability to the Sudan, a country wracked by political upheaval since it gained in-

**Steaks** 

82

Seafood

A TANTALIZING PEEK at the greatest private art collection in the AN UPRISING against Sudanese



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## AGGIE RING DIAMOND SPECIAL

Three-Day Setting Service Special good through February

### Student services set guidelines for advertising on bulletin boards bers and three students appointed guage must have the name of the w advertising and publicity organization and the posting date in

nes are in effect this semesor bulletin boards in residence s the Memorial Student Center on the kiosks on Military Walk. ident services initiated the ge because much of the advertising on campus is outdated or does not follow university regulations. he new guidelines were set up w a committee of four staff mem-

Sandra Bulletin board FRIDAY ports Car Club, Scandia II Apt.

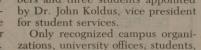
orin Ryu Karate Club, G. Rol-Muslim Student Association, ler 510, 7 p.m.

SATURDAY India Association, Movie: "Jan-r," Oceanography 112, 7 p.m.

SUNDAY Lee Byle Chess Committee, MSC 206, 6

> MONDAY Alpha Zeta, Rudder 601, 7:30

ance Arts Society, Ballet, G. lie White 266, 7:30 p.m. Czech Club, Rudder 308, 8 p.m. eace Corps Vista, MSC (availo talk to interested students),



faculty and staff advertising personal items will be allowed to use posting All advertising and publicity ma-

terial posted may be no larger than 22 by 28 inches. A maximum of one poster per bulletin board and four per kiosk of each advertisement or publicity notice will be allowed. Each poster must carry the name of the organization or individual and

a visible date of posting. Posting periods may not exceed three

Materials printed in a foreign lan-

all night long.

drinks for the price of 1.

DAILY SPECIALS

FRIDAY & SATURDAY: Open 7:00 P.M. Drink specials

MONDAY - No cover charge - \$1.25 gallon of beer. Free popcorn plus movies and disco. Double shot

TUESDAY: Entertainment Night — Featuring humor &

813 OLD COLLEGE ROAD

English.

surface

Other advertising should not be concealed and there should be no overlapping of material. Advertising must be posted on authorized locations only.

Materials must be attached so as

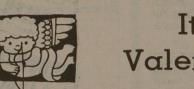
not to deface or destroy the posting

Additional restrictions such as stamped approval for individual posters and publicity may be imposed by a building proctor or a re-sidence hall council.

To help enforce the new regulations, a campus honor sorority has volunteered to police the areas.

846-9978

guys.

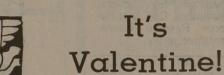


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- Esther Cortez



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