**TEXAS A&M UNIVERSITY** 

## **85 MEMBER**

# SYMPHONIC BAND

### IN NOON

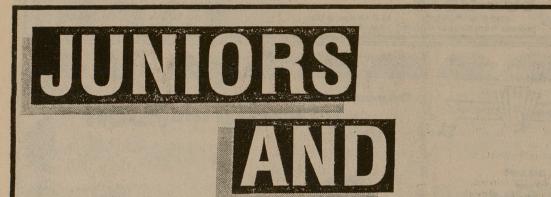
# CONCERT

THURSDAY MARCH 12TH

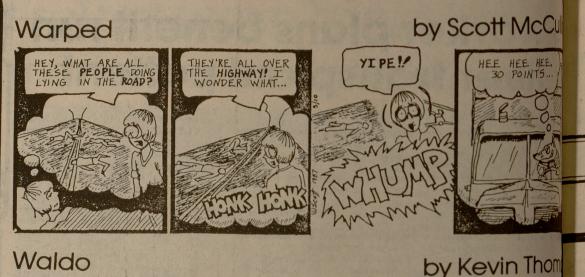
12:30 - 1:30 P.M.

## MSC LOUNGE (FLAG ROOM)

Music to include works of Bach, Grainger, Rossini, Nelhybel, Reed, and Sousa



Page 6/The Battalion/Tuesday, March 10, 1987





## A&M only university to have hydrogen research center

#### **By Sherry Copeland** Reporter

Through the aid of a \$600,000 grant and matching funds from six major industries, Texas A&M stands as the only university in the world to have a hydrogen research center.

The University of Miami at Florida has a hydrogen energy center, but it is used primarily for promotions and symposiums on hydrogen energy, whereas A&M's research center concentrates on research and on educating others about the use of hydrogen energy, says William Craven, general manager of the center.

A&M was chosen by the National Science Foundation as the appropri-ate place for the Hydrogen Research Center because it is located in a principal oil state, Craven says, and be-cause A&M is well-known for its dedicated interest in research.

Craven and Dr. John Bockris, director of the center, wrote a proposal for the center, gained the support of six companies, including Exxon Corp. and Diamond Sham-rock Refining and Marketing Co., and received approval from the Na-tional Science Foundation to form the center.

center expanded to \$1.3 million, he says, and an additional \$1.3 million was given to the center as "seed money" from the state.

"This is to allow the center to en-ter phase two of its operation, which is the expansion of the center," Craven says

This year, however, also marks the end of the four-year science foundation grant.

Craven says his primary function is to promote and market the center. "I have no chemistry or scientific background other than the knowledge obtained by working with these people in the center," Craven says. "When I have questions, they (center

personnel) are readily available to answer them. A scientific back-ground isn't really needed to under-stand and appreciate the whole con-cept of what the hydrogen economy is about.

The objective of the center, he says, is to investigate the economic production of hydrogen from water, and its research focuses on its use in present and future industrial applications and as an energy medium in-terfacing with coal, nuclear and solar sources

Bockris, distinguished professor of chemistry, was one of the first persons to conceptualize a world running on hydrogen gas, Craven says. Oil, natural gas and coal are The center opened in 1983 with a working budget of \$300,000. In 1987, the operating budget for the light through solar panels made of silicon and use the energy by converting it to electricity. The energy then passes through water and splits it into hydrogen and oxygen mole-

cules; the hydrogen then m used in the place of fost which are carbon-based, hesp

"Carbon only goes out and es," Craven says. "Using h energy would eliminate pollu low storage of energy and transmission by gas pipelin

long distances." When hydrogen burns, says, it recombines with the in the air and forms water again

"It's the perfect renewal Craven says. "No one would control over it (hydrogen e but anyone with sunlight an would have access to it," Craw The misconception about

gen is that it is more danger other fuels, he says, which wa after the Hindenburg trage 1937.

Among the center's proje experimental 1982 Chrys aron automobile that runs o gasoline or hydrogen, Graver Gasoline-powered automobi ate smog and carbon dioxid says, whereas hydrogen power tomobiles emit only steam

"I've been told that the only lem with the hydrogen powe is that it will add to the hum Houston," Craven says.

Before this car could be reality nationwide, changes have to be made in pipeline gas pumps and refineries even would be eliminated, he says.

Gas line led

# SENIORS

## **LAST WEEK FOR MAKEUP PICTURES** FOR THE 1986-87 AGGIELAND **MARCH 9 UNTIL MARCH 13**

**AT AR PHOTOGRAPHY** 707 TEXAS AVE. SUITE 120B 8:00 A.M.-12:00 P.M. AND 1:00 P.M.-5:00 P.M. **MONDAY THROUGH FRIDAY** 

## shrouded in secrecy

**Owners of adult stores** 

HARLINGEN (AP) — The own-ers of a chain of adult video stores are behind a cloud of secrecy - including a corporation with owners whom employees say they have never seen, post office boxes for an address and no listed telephones. The Valley Morning Star in Har-

lingen tried to trace the ownership after the stores were raided last week by Cameron County authorities, who seized material they described as obscene.

The corporation lists its mailing address as a post office box in Ir-ving, near Dallas, but no telephone listing exists, the newspaper reported.

According to property tax re-cords, Adult Video in San Benito and Dolar Video in Brownsville are operated by Hot-Val Inc., which lists its mailing address as a post office box in Irving, a Dallas suburb, but the newspaper said it was unable to find a telephone listing.

The buildings in which the two raided adult stores are located, and the land on which the buildings sit, belong to Louisiana Development Inc., which lists its headquarters in Lewisville, another Dallas suburb. Again, no telephone listing could be

found, the newspaper said. John Coil of Lewisville is listed in the Secretary of State's office in Austin as president.

The newspaper reported, how-ever, that it could not locate Coil or

two others listed as officers. Dr. Craig C. Kuglen, who has of-fices in Harlingen and Brownsville, said he sold Coil land for the San Benito store without realizing an adult video store would be built there.

"He just kind of popped into town one day and said he wanted to buy an acre of land," Kuglen said. "So I sold him an acre of land.'

Construction on the adult video store began the following day, Kuglen said.

"If he had told me what he was going to do, I wouldn't have sold it

to him," said Kuglen, who said he expected a building-supply store to be constructed there.

"It hasn't exactly increased the value of the land. I still own next to it," he said. Store employees said they do not

know who owns the stores.

"They could walk in the door and we wouldn't know them," said Ernesto Aguilar, an employee of the

Brownsville store. R. Meza is listed as the president of Hot-Val, Inc. on state sales tax re-cords. Addresses for the corporation vary among government records. Aguilar, 34, who was arrested on a

misdemeanor obscenity charge during raids on the San Benito and Brownsville stores by the sheriff's department, said the owners appar-ently pretend to be customers when they make spot checks. "Later, they might call you back

and tell you you're doing something wrong," Aguilar said. "I marvel at their ingenuity.'

Paychecks are mailed to employ-ees from somewhere in the Dallas area, Aguilar said.

New shipments of merchandise — sexually explicit videos, magazines and novelties — arrive automatically, with the owners somehow knowing when to replenish depleted stocks, he said.

New employees are hired by other employees, said Aguilar, who has worked for Dolar Video for about 18

months. Receipts are deposited in local banks, he said.

Mervyn Mosbacker Jr., chief felony prosecutor for Cameron County, said merchants of sexually explicit materials often try to hide their identities.

If the materials were determined to be obscene, they could be prosecuted, he said.

said.

"They protect themselves so they won't get charged with wholesaling (obscene materials)," Mosbacker

## one of many in its history

AUSTIN (AP) - The Chevron pipeline that leanearly 17,000 gallons of gas and tainted Mineral Wells' wa supply with a cancer-caus chemical Feb. 27 has broken least three other times since ju state records show.

The previous leaks, so more than 31,000 gallons of sel fuel, regular, unleaded super-unleaded gasoline in counties, causing an estima \$25,000 in damage but no ported injuries, according Texas Railroad Commission

cords. The leaks prompted the o mission to launch an investiga of the pipeline, which street through 26 counties from Arthur on the Texas Gulf ( to Eastland, west of Fort Work The investigation was to Martine and Street

Monday and probably will two to three weeks to comp said Milt Fegenbush Jr., dire of the commission's Pipe Safety Division.

Jim Nuckols, a Chevron ronmental specialist sent to eral Wells to help city official ter the leak, said the compar not hiding anything. The Dallas Morning News

ported that since the Rain Commission began regula hazardous liquid pipelines in tober 1985, Chevron has worst record among the 190 panies that have reported a Nearly one in every four pipe spills investigated by the com sion occurred on a Chevron

Commission records show before the Mineral Wells a Chevron had 11 of the report 46 spills. An estimated 1823 gallons of petroleum produ leaked from Chevron lines of May, causing an estimate \$32,850 in damage.