

Concert promoter to stage sixth Texas Jam Saturday

— Page 3

Texas' population may shift if Reagan's tax proposals pass

— Page 6

Lack of thoroughbred Ponies means SWC a 6-horse race

— Page 9

The Battalio

Texas A&M

Serving the University community

80 No. 193 USPS 045360 10 pages

College Station, Texas

Wednesday August 21, 1985

Regents approve 1985-86 system budget

By JERRY OSLIN
Assistant City Editor

The Texas A&M Board of Regents gave final approval Tuesday to a \$689 million Texas A&M University System operating budget which also eliminates more than 700 positions.

million budget, it is the smallest percentage increase in 21 years.

Most of the personnel reductions have been through attrition, not filling positions when they become vacant, said TAMUS chancellor, Arthur Hansen. He also said almost all the eliminated positions have been in non-teaching areas.

Included in the 1985-86 system budget is Texas A&M's \$407 million budget, an increase of 2.3 percent

above this year's \$398 million operating budget.

In other business, the Board approved an agenda item that allows the four TAMUS universities to charge a fee to students who decide to pay their tuition and fees in installments during the semester rather than pay before the start of the semester.

House Bill 1147, the law which raised tuition for students attending

state-supported colleges and universities, allows students to pay tuition and fees in either two or four semester installments. The bill also allows colleges and universities to charge students, who pay in installments, a fee for handling those installments.

Beginning in the 1985 fall semester, A&M will charge a \$10 fee to students who pay in installments and a \$10 penalty to any student who does not pay his installment by the

due date.

The Board also approved an item allowing the TAMUS universities to establish an emergency loan program to help students who can show an inability to pay their tuition and fees.

House Bill 1147 directs each state-supported college and university to set aside 15 percent of its resident student's tuition and 5 percent of its nonresident student's tuition for

grants and loans.

According to loan eligibility rules, A&M undergraduates and professional students must have a minimum gradepoint of 2.0 and graduate students must have a 3.0 to be eligible. A&M students must also show a lack of financial ability to pay tuition and fees and must not be on conduct or academic probation to be eligible for a grant or loan.



Photo by SCOTT SUTHERLAND

Heat of the Moment

Leo Gertz, Olsen field superintendent, waters down the infield Tuesday afternoon, while the scoreboard displays the intense afternoon heat. The afternoon heat continued to climb reaching the hottest temperature of the year, a scorching 105 degrees.

The 'most ambitious space effort so far'

Firm to construct first space factory

Associated Press

WASHINGTON — A Houston firm, using no government money or its multimillion-dollar venture, won the space agency's approval Tuesday to build and operate the first commercial factory in space.

The facility will operate automatically, with only periodic maintenance visits by astronauts.

"This agreement initiates the most ambitious space effort undertaken so far by the United States private sector," said Isaac Gillam, head of the commercial projects office of the National Aeronautics and Space Administration.

Max Faget, a space pioneer who is president of Space Industries Inc., said the space platform — to be called an "Industrial Space Facility"

— is expected to be ready to be carried into orbit by a shuttle in 1989.

It then will be leased to manufacturers of products such as pharmaceuticals, electronic crystals and metals which can be produced only in the gravity-free environment of space.

The platform is designed to be used either as a free-flying craft cast adrift in orbit and visited two or three times annually by the shuttle, or as a module that can be attached to the space station the United States hopes to send aloft by 1994.

Faget estimated the cost of producing the tube-shaped spacecraft at between \$250 million and \$500 million. He declined to discuss the financing, saying that there will be no federal investment.

Faget played an important role in

the design of the Mercury, Gemini and Apollo spacecraft that propelled America into the space age and to lunar landings.

He also was a leader in developing the space shuttle as head of engineering and technology at the Johnson Space Center in Houston.

Space Industries Inc. was established three years ago with a goal of owning one of the major commercial facilities that will become part of the space station complex. Faget said no customers for his facility had yet been signed.

NASA initially will carry two of the platforms into orbit, deferring reimbursement for the launches until Space Industries begins earning money. When that happens, the company will pay the government 12 percent of its revenue each year un-

til NASA is paid in full.

"We hope the ISF will be the first of many such platforms to be built by private industry to complement the permanently manned space station and to lead eventually to an industrial park in space," said NASA administrator James M. Beggs.

"We believe business in space is already taking off," he said, adding that NASA has agreements with 20 companies and is negotiating with 24 others for commercial activities in space.

Each module will be 35 feet long and 14.5 feet in diameter, offering 2,500 cubic feet of pressurized internal volume. The size makes it possible for the shuttle to carry one cylinder-shaped factory aloft in its 60-foot hold.

President OKs testing of new ASAT weapon

Associated Press

LOS ANGELES — President Reagan gave the go-ahead Tuesday for the first tests of an anti-satellite weapon in space.

Presidential spokesman Larry Speakes said, "We have to test, and test now, to restore the military balance."

Reagan made the weapon testing decision Monday, Speakes said, and notified Congress on Tuesday by issuing a required certification.

So far, Congress has approved research and development funds for the weapon, but it has balked at supporting unlimited tests against objects in space in the hope of achieving limits on such weapons at the arms control talks in Geneva, Switzerland.

Some Reagan critics contend there should be no testing at all before the November summit meeting between Reagan and Mikhail S. Gorbachev, the new Soviet leader.

Speakes said the first of three tests will take place after 15 days from Tuesday, the notification period set by Congress. Speakes refused to give

any dates for the tests, saying they were classified.

Speakes said the tests were necessary to counter a similar system operated by the Soviet Union, which he said "constituted a clear threat" to the United States and its allies.

The anti-satellite, or ASAT, weapon system includes a two-stage main rocket carried high into the atmosphere by an F-15 fighter plane, where it is launched into space.

The warhead, equipped with tiny rocket motors, is then released and homes in on a low-orbit satellite, destroying it by impact without exploding.

Speakes said the first test would be conducted against "an old satellite that no longer has any use." He gave no further details.

Congress specified in the current defense budget that a space test could not proceed unless president had filed such a certification.

Grads get advice from Vandiver, Eller

By KAREN BLOCH
City Editor

August 1985 graduates were congratulated and given some advice at Saturday's commencement in G. Rollie White Coliseum.

Texas A&M President Frank E. Vandiver told the more than 1,400 students who were awarded diplomas that the most important thing they have learned at the University is how to learn.

"You learned here the indivisibility of knowledge — every discipline and thought combined," he said. "You haven't learned everything. But you've learned how to look at everything."

The chairman of the Texas A&M Board of Regents, David G. Eller, expressed the Board's pride in the graduates but reminded them of the responsibilities that accompany their college degrees.

"The Board of Regents takes great pride in knowing that you will represent Texas A&M," Eller said. "By meeting the high standards of the University, you have earned the distinctions that go

"You are Texas A&M to the people you come in contact with. People judge the University on what they see in you." — David Eller, chairman of the Texas A&M Board of Regents.

along with the Texas A&M degree."

But, Eller said, graduates must continue to meet these standards.

"You are ambassadors for the University," he said. "You are Texas A&M to the people you come in contact with. People judge the University on what they see in you."

Also, Eller told the graduates that they have a more direct responsibility to the University.

Because of budget cuts, he said, graduates should "shoulder more of the (financial) load and encourage others to do the same."

Davis L. Ford, president of the Association of Former Students, welcomed the graduates to the association and stressed the importance of new graduates to the association.

"You are foundations for a new era of the association," Ford said. "In the past few years the graduating classes have been larger than the graduating classes of the first 60 years of Texas A&M combined," Ford said. "You are for a new era of the as-

sociation. You need us and we need you and, with that, there is nothing we can't accomplish."

Vandiver told the graduates to be proud of their University.

"You are now and forever an Aggie," he said. "The product of a unique University."

"And, A&M is truly unique. It's a people place. A place that cares about you and will live in your shadow forever," Vandiver added.

At the commencement ceremony, more than 1,000 students received bachelor's degrees, more than 300 received master's de-

grees and about 100 received doctorates.

Summa Cum Laude honors, given to students graduating with a grade point ratio of 3.9 or above, were received by Melanie Ann Ayers, Karen Elaine Eisen, Denise Elizabeth Ference, David Randall Glimp, Amy Patricia Hauck, Robert Lewis Little, Meri Krystal Major, Kathryn Drews Moore, Gretchen Rosanne Poetschke, Doris Elaine Stallings, Cynthia Kay Stroud, Whitney Ryan White and Gregory Scott Woodward.

Also, 19 students graduated Magna Cum Laude, a GPR ranging from 3.7 through 3.899. And, 41 students graduated Cum Laude, a GPR ranging from 3.5 through 3.699.

Commissioning ceremonies for 19 students also took place Saturday, with retired Lt. Gen. Ormond R. Simpson presiding.

James Gatlen Sisk and David Charles Waugh were named distinguished Naval graduates and James David Mask was named a distinguished Air Force graduate.

Sikh leader shot to death, three men wounded

Associated Press

NEW DELHI, India — Sikh terrorists assassinated top Sikh political leader Harchand Singh Longowal on Tuesday, authorities said, less than a month after he signed an accord with the government to settle the three-year Punjab crisis.

Police said an unidentified man was killed and three others were critically wounded in the hail of gunfire when extremists shot Longowal, president of the Sikhs' main Akali Dal party, as he addressed a village temple meeting in his home district of Sangrur in Punjab state.

Authorities said they arrested two of Longowal's killers and were searching for two others.

The 57-year-old Longowal, called "sant" or saint by his followers, died after undergoing emergency surgery, performed by senior doctors who were flown in by the government.

The killing, which prompted a nationwide security alert, occurred hours after Sikh gunmen killed a Hindu leader of Gandhi's governing Congress Party and wounded two other Congress members in Punjab's Jullundur city.

Longowal advocated non-violence and condemned the call by some Sikh militants for an independent nation for India's 13-million Sikhs, who are a religious minority in every state except Punjab.

His assassination could plunge the state into renewed political turmoil.

The settlement reached last month was aimed at ending a Punjab agitation launched by Longowal's party in August 1982. The campaign for greater religious and political autonomy for Punjab was eclipsed by Sikh militants and claimed about 4,500 lives in the past three years.

The Punjab violence reached a peak in June 1984 when the army at-

tacked the Golden Temple in Amritsar, the holiest Sikh shrine, killing hundreds of Sikh militants who lived in the temple complex. The antagonism between the Sikhs and the government of this predominantly Hindu nation exploded into violence again in a wave of Hindu revenge killings when Prime Minister Indira Gandhi was assassinated last Oct. 31 — allegedly by some of her Sikh guards.

On Sunday, Prime Minister Rajiv Gandhi called for elections Sept. 22 in Punjab, which has been under direct federal rule since the state government was dismissed two years ago for failing to stop terrorism.

It was not immediately clear if the election would still be held.

"Sant Longowal is Dead," the government television said in a message flashed across the screens. Mourning songs were broadcast and the Punjab government declared a two-day state mourning.

Authorities identified the two arrested suspects as Halwinder Singh and Gian Singh. Police were searching for the two others. The United News of India said Longowal's bodyguards opened fire at the assailants and wounded Halwinder Singh.

Dr. Harnik Singh, a spokesman for the Sangrur Civil Hospital, told the Associated Press by telephone that Longowal died at 8:40 p.m. (11:10 EDT). "He had been shot on both the left and right side of his abdomen," he said.

Senior government surgeons and medical supplies were airlifted to Sangrur in an effort to save Longowal's life. Indian Home Affairs Minister Shankarrao B. Chavan and Punjab governor Arjun Singh also rushed to the scene.

See Sikhs, page 8