Stage Center's production

Greater Tuna By Joston Williams, Joe Sears & Ed Howard

Jan. 23-35 and Jan. 30-Feb. 1 8:00 p.m.

For Ticket information call: 693-0050

Champagne party at Maxi's Meet the authors, cast crew of Greater Tuna after the Jan. 23 performance Open to Season ticket and Jan 23 ticket holders

Gotta Dance? **Dance Arts Society**

will have a general meeting on Tuesday January 28 at 7:30 in 268 East Kyle

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NASA, Boeing using A&M facility

Wind Tunnel busy with clients

By ANTHONY S. CASPER

International Harvester, NASA, Boeing, Lockheed, Bell Helicopter, the U.S. Army, Mack Trucks — the list goes on and on.

It's the list of clients for the Texas A&M Low Speed Wind Tunnel located near Easterwood Airport.

The tunnel, opened in the early '50s, stretches 396 feet with a maximum of the control mum diameter of 30 feet. When in full operation, the heart of the wind tunnel — a 12½-foot, four-blade propeller — spins at 900 rpm and can produce a maximum wind speed of 200 knots (approximately 230 mph)

mph).
Oran Nicks, research engineer at oran Nicks, research engineer at the facility, says although the tunnel is classified as a low-speed wind tunnel, the results gained by testing can be applied to higher speeds.

"For example, all general aviation airplanes fly in the speed range that this tunnel can accommodate" he

this tunnel can accommodate," he says. "But it isn't necessary to test at exactly the speed the airplane will fly, because you can reduce the data to coefficient form and we know how to take the data at these tunnel speeds and convert them to flight conditions.

"And since we can adjust the pitch of the blades of the propeller, we can adjust the flow of the air through the testing section of the tunnel. This allows us to simulate different stress conditions the aircraft may encoun-

Being able to vary the positions of the models as well as the propeller from the control room is one of the functions of the controllers.

They also gather data from the

tests. "It's the measuring that really counts in a facility like this," Nicks says. "You simulate a model, or whatever it is, flying in still air at whatever speed it is. If you think of an airplane flying through the air, it has a speed relative to that air.

"If you think of a wind tunnel, what we do is hold the model in

place move the air past the model so that all the relative things are simulated. This is how we are able to gather the data.

Taking data from the test models is done by sensors located on or in the models. The information is then transferred to computers located in the control room. Nicks says the data collection computers used are some of the most advanced used in any wind tunnel in the country.

"We have recently updated them and I'm told we now have one of the most modern tunnels and facilities in the country," he says. "Many com-panies, including the federal government, who have their own tunnels even come to us. The cost for testing is relatively low, and they say we give more consistent, accurate results. We're pretty proud of that."

Another feather in their cap is re-

search and development done for the U.S. Olympic Bicycling Team.

"The bicycles that were used in the Olympics last year were tested and developed here," Nicks says. "The U.S. won nine of the 16 medals in bicycling at the Olympics. That was the first time in 63 years (since 1921) that the U.S. had won any

"We did it by improving the drag of the bikes and the riders' positions, their helmets, their clothes. We tested all of those things in the wind tunnel and we got the information they needed to make those advances. The testing itself took place about a year before the Olympics.

"It was a very hush-hush test. They (the Olympic bicycling team) kept the information to themselves until the Olympics. Now it's all been published because they're sure ev-

erybody will be copying it."

Not all testing done at the tunnel is kept that quiet, however. Missile configuration and military aircraft testing is done routinely and does not encompass any classified materi- or trade secret reasons. als, Nicks says.

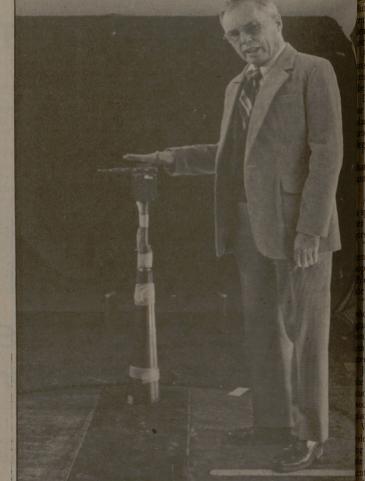


Photo by ANTHONY CAS

we test are configurations," he says. This means there are no actual classified materials necessary. The only reason something is kept quiet is when the company we are testing for asks us to. This may be for business

Nicks says.

Engineering students also get a chance to see how their models with-

"About 75 percent of the wor do is for fee-paying custom Nicks says. "The rest of the im help aero students by testing stuff. This way we can give h tual experience during the phase of their projects. And it keep Texas A&M's aeronauto aerospace engineers the best it

said she had nightmares in

she found Fleming, but he

that he couldn't see me anym

she told the Houston Chronide interview published Tuesday.

Nugent violated a gag ord agreeing to the interview and that she not be allowed to tes

the case, but Martin denied

DeGuerin argued Tuesda

"I knew it meant Bill was

man haunted by fiance's

LIVINGSTON — Laura Nugent said she had recurring nightmares that led her to conclude her missing fiance was dead even before his body was discovered.

Nugent, 36, a former secretary at Hull-Daisetta Woodson Junior High School, had planned to marry the school's football coach, Billy Mac Fleming, last summer.

But Fleming, 36, disappeared April 12 and his body was found 10 days later near an old Polk County

days later near an old Polk County logging trail. Investigators say he was shot twice in the back of the head with a .22-caliber gun.

The school's principal, Hurley Fontenot, 48, is being tried on a murder charge in Fleming's death. Fontenot has pleaded innocent to

"He (Hurley Fontenot) liked to gamble two or three times a week, and I got tired of that.'

— Laura Nugent, 36, Fontenot's former girlfriend and secretary.

the slaying and is free on \$50,000 but Edmonds said he did not know.

During the second day of the trial on Tuesday, defense attorney Dick DeGuerin continued questioning investigators about a photograph of tire tracks found near Fleming's

DeGuerin said the tire tracks do not match the tires on Fontenot's pickup truck. He asked Polk County sheriff's investigator Raymond Edmunds who took the photograph,

State District Judge John Martin declined to allow the photograph to be submitted into evidence unless DeGuerin can prove where it came

Prosecutors say Fontenot, who

from and why it is significant to the

Fontenot was "real caring,"

beginning, but the relation waned because he went to the tracks too often, Nugent said.
"He liked to gamble two or times a week," she said, "and

tired of that.

All graduate students will participate in research. Program on scholastic probation scheduled for tonight stakes

By FRANK SMITH

Staff Writer

Students with academic problems comprise the target audience for a presentation tonight about scholastic

probation and ways to get off it.

The program is scheduled to begin at 7 p.m. in 402 Rudder Tower

Sponsored by Hart Hall, it will consist of talks by Dr. William Perry, chairman of the academic appeals panel, and Dr. Ludy Benjamin Jr., a psychology professor.

Benjamin said part of his talk will be about study skills, note-taking, reading and test-taking.

time management and time management techniques . . . cast in the framework of the attractions of social life and extracurricular life the increased responsibilities and the increased freedom that often come into conflict with one another in a college setting," Benjamin said.

Benjamin's academic history might be a source of encouragement to students currently experiencing academic problems.

He said he had scholastic prob-lems of his own after entering the

"And I'm going to talk some about University of Texas as an undergraduate in 1962.

"I hung around on continuous probation for two years before I got a letter from the dean awarding me a one-semester vacation," he said.

"I try to use that to my advantage by letting students know there are ways of turning that around." Bob Herrejon, a Hart resident who helped organize the project,

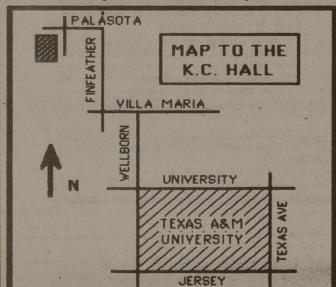
said the program is also intended to help develop a scholastic help program through which some Hart students could aid those with grade

we'll get a big brother and b program going and get more here at Hart more closely in with the people who are and cally in trouble and really them," Herrejon said.

Mark Gee, president of Hat the timing of the event might benefit students.

"We thought this would be? ity program to do for the first since anybody who's on would still be able to add-drop





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K.C. Hall in Bryan

Set. Jan 25 - FAJITA CODKOUT Noon- 3:00, Oaks Park

Tues. Jan 28- OPEN PARTY, 8:00-12.00

K.C. Hall in Bryan

Sat. Feb. 1 - INVITE BACK PARTY

Sun. Feb. 2 - HAPPY HOUR T.B.A

GO BETA