

Around town

Photographers on campus this week

The photographers from **Yearbook Associates** will be in 137 MSC this week to take pictures for the **1983 Aggiegland**. All juniors, seniors, graduate, medical and vet school students have until Dec. 17 to have their pictures taken. There will be no makeups after this date.

The temporary studio is downstairs from the check-cashing desk at the hotel main desk. The photographers will be there from 9 a.m. until 4 p.m. every day next week.

Variety show applications available

Applications for the **1983 MSC Variety Show** are available now at the secretaries island in 216 MSC. This year's show is scheduled for April 15. Applications are due Feb. 4 and auditions start Feb. 23.

For more information call 845-1515.

Bryan library offers fine-free time

If you have **overdue books** checked out from the **Bryan Public Library**, now is your chance to return them. Books can be returned fine-free at the library through Dec. 22. City librarian Clara Mounce urges everyone to take advantage of the amnesty period, since an increase in fines and fees will become effective Dec. 23.

India Association donates records

The **India Association** donated 10 record albums of Indian classical music to the **MSC Browsing Library** in a meeting Sunday night. Rajesh Patel made the presentation on behalf of the Association to librarian Peggy Klinkseik.

The India Association, with a membership of about 200, represents all the East Indian people on campus and in the Brazos Valley area.

SG to sponsor book exchange

If you have used textbooks to sell, **Student Government** is accepting books for a **Student Book Exchange**.

To sell a book, make sure the book is being used in the spring semester. Student Government has a list to check. You set your own selling price. When you bring your books in, fill out a card for each book. The book is filed by subject and course number. Sellers will have a master card in which a record of all his or her books are kept and sales are recorded. The cost to have a book in the exchange is 25 cents.

- Things to remember:
- Books are to be deposited Dec. 13-17.
 - The exchange is in 216 MSC.
 - The exchange lasts from Jan. 12 to Jan. 21.
 - Pick up money or unsold books Jan. 24 through Jan. 26.
 - All money and books should be claimed in 216 MSC.
 - All unclaimed books and money will go to Student Services.

If you have any questions call the Student Government Office or Theresa at 260-0893.

Teaching seminar deadline next week

Dr. Glenn Johnson will conduct his annual workshop on **Enhancing College Teaching** for Texas A&M faculty and teaching assistants from 8 a.m. to 4 p.m. on Jan. 13. The deadline for enrollment in the workshop is Dec. 15.

Johnson has conducted the workshop annually for over a decade. Last year over 100 Texas A&M faculty and graduate students participated in the seminar.

For more information contact Betty Westbrook at 845-8363.

Christmas party for staff children

A **Christmas party** for children of Texas A&M faculty, staff and students will be held Wednesday at 7 p.m.

The party, sponsored by the MSC Hospitality Committee, will be in 201 MSC. Children who are 10 years old or younger are invited to make Christmas stockings, play games, sing Christmas carols and visit with Santa Claus.

St. Joseph Hospital to break ground

The **St. Joseph Hospital Community** invites the citizens of the Brazos Valley to a **groundbreaking ceremony** to be held Sunday at 3 p.m. on the 29th Street side of St. Joseph Hospital.

The ceremony will celebrate the beginning of construction on the expansion and modernization project. Refreshments will be served.

Graduate student to receive award

Danelle Tanner, a graduate student at the Texas A&M Cyclotron Institute, has been selected the first recipient of the **Minoru and Ethel Tsutsui Distinguished Graduate Research Award** in Science from the New York Academy of Sciences.

Tanner, who receives the award today in New York City, will be given a plaque and a \$1,500 prize in recognition of her studies on experimental nuclear physics.

The prize honors the late Dr. Minoru Tsutsui, who was a member of the Texas A&M faculty at the time of his death in 1981, and his wife, Dr. Ethel Ashworth-Tsutsui, who is a professor of biochemistry and biophysics at Texas A&M.

If you have an announcement or interesting item to submit for this column, come by The Battalion office in 216 Reed McDonald or call Tracey Taylor at 845-2611.

local

Could assist in emergencies

More electricity for A&M

by Michael Larkin
Battalion Reporter

A power line between the Brazos Electric Power Cooperative Inc. and Texas A&M University will provide the campus with additional electrical power.

William Holland, associate director for utilities in the Physical Plant Department, said that a power line, which will provide about 138,000 volts of additional power for the University, should be finished by May.

The new power line is the first phase of a two-part project to increase the campus power supply. The first phase includes construction of two transformers to step down the 138,000 volts to the campus distribution level of 12,500 volts.

Additional facilities to bring the power from the transformers to the campus will be built in the second phase of the expansion.

The University currently generates 35,000 kilowatts of power with the use of five turbines. One gas turbine puts out 15,000 kw of power, while four steam

turbines generate a total of 20,000 kw.

In an emergency, the turbines can be operated on either natural gas or diesel fuel. If the natural gas supply is cut off, Holland said, the generators can switch to diesel.

In preparation for such an emergency, the University keeps approximately 2.28 million gallons of diesel fuel on hand. This would allow the generators to supply the University with electric power for three months, Holland said.

Another power source for the University is the existing 69,000 volt power line from the Brazos Electric Power Cooperative. Joe Estill, director of the Physical Plant, said the line supplies about 15 to 20 percent of the University's power.

Although the University has power failures, Estill said, there are no more problems here than in most cities. He said the power system here is in no worse condition than the one in Houston.

Holland said loss of all power,

failure of underground circuits and failure of overhead circuits are the three main types of electrical failures on campus.

The loss of all power, Holland said, is due to major equipment failure. Failure in the underground circuits is generally attributed to moisture that has seeped into the circuits.

Although some open overhead circuits still can be found on the west campus, most of the University's power circuits are underground.

Overhead circuit failures can be due to weather conditions such as wind and lightning. Animals, such as birds and squirrels, also have been known to

disrupt power.

The time it takes to repair power failures depends on the type of failures, Estill said. When the failure occurs, a circuit breaker for that line is tripped. Once that happens, repairmen know what part of the line is out.

If it is an overhead failure, restoration of power takes no longer than 15 to 30 minutes, he said, and such failures don't affect the entire campus.

But spotting underground circuit failures requires a different procedure.

As with an overhead failure, a circuit breaker is tripped. An instrument then tells the power

plant what type of failure, an overload or a short. Repairmen then go to check manholes for a bad odor, Estill said. If they detect the cause, they cut sections of the line and eliminate the problem through the ground.

Repairing an underground circuit, he said, can take where from one and one-half to 10 hours.

Estill said that the University currently used by the University to detect power failures similar to the system used in cities. There are no immediate plans to change the method.

Aerospace meeting accomplishes goals

by Robert McGlohon
Battalion Staff

The first meeting of the Manufacturers' Advisory Group of Aeronautics Research, which was on the Texas A&M University campus Tuesday, accomplished its purpose, the head of the Texas A&M Aerospace Engineering Department said.

Representatives from the general aviation industry, the National Aeronautics and Space Administration and the aerospace engineering department at Texas A&M attended the meeting.

"So far, the response (from participants) has been favorable," Dr. E. J. Cross Jr. said.

"They (the participants) are interested in the liaison we're trying to (get) established."

Texas A&M aerospace engineering professor, Dr. Stan Milley, said the purpose of the meeting is to critique the research efforts of Texas A&M.

"We are basically saying what we've done and what we'd like to do," Milley said. "And we're making sure that the work we've done is of use to industry."

Larry Duke, of Avco Lycoming, a manufacturer of piston and turbine aircraft engines, agreed.

"It (the meeting) lets researchers know what industry wants and lets the University know what industry is doing," Duke said.

Cross said it also is important for NASA to participate in the meeting because NASA is the primary financial backer of

aerospace research at A&M.

NASA is enthusiastic about the conference because it ensures a relatively prompt transfer of technology and promotes a mechanism for establishing Texas A&M's credit throughout the industry, he said.

NASA donates about \$750,000 and \$1 million to Texas A&M for aerospace engineering research.

Low-speed aircraft research was the focal point of the conference because that type of research is preferred by aerospace engineering faculty, Cross said.

Tuesday's meeting was first, but the Manufacturers' Advisory Group of Aeronautics Research will meet every

Professor says A&M needs wellness center

by Kordell Reid
Battalion Reporter

Texas A&M University has an illness center — the A.P. Beutel Health Center. And the University soon may have a "wellness center."

Students go to the health center when colds or illnesses become acute, but students would

go to the wellness center to learn to prevent illness.

Dr. George Jessup, an associate professor of health and physical education who proposed the wellness center idea, said it's an idea whose time has come.

"It is time to get people to become wellness-oriented and not illness-oriented," he said. "Texas A&M has a number of student services for illnesses, but there aren't any services on how to prevent them."

The wellness center would deal with topics such as drugs, alcohol, birth control, stress and anxiety, Jessup said.

Texas A&M has all the services needed to establish a wellness center, he said, and the Department of Student Services has established a steering committee to study the center in more detail.

Jessup said a wellness center

could be set up by spring and said there are numerous facilities about how the center would work.


"The potential is quite great," he said. "But the center shouldn't do anything aggressive or expensive."

"Perhaps a wellness center could be printed in student publications once a month, something that a student could look up and see if they have certain problems or symptoms."

In addition to the list, students need a place to go to a hotline to call, he said.

"I would like to see it be student-oriented," he said. "It should be a student stress line."

Other universities have similar programs, Jessup said. Universities which have wellness centers are Southern University and the University of South Carolina.



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