

THE AGGIE GAMES

Table Soccer...
 Table Tennis... **November 12**
 Backgammon... **Starting at**
 Chess... Spades... **9:00 A.M.**
 Bridge... Bowling...
 Darts... **November 13**
 Billiards... **at 9:00 A.M.**

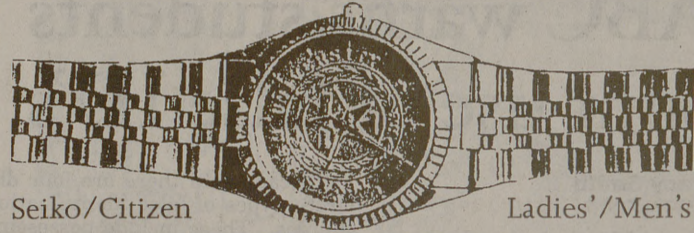
First-Place Teams and individuals will be eligible for the ACU-I Region 12 Tournament. Registration will be from Monday, October 24 through Thursday, November 10 in the Student Programs Office. The cost is \$5.00/person.

MSC NOVA

Persons with disabilities please call us at 945-1545 to inform us of your special needs. We request satisfaction on these services prior to the event to enable us to assist you to the best of our ability.

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Nuclear program expands at A&M

University produces competitive graduates in fast growing field

By Katherine Arnold
THE BATTALION

Nuclear power is growing as an industry and Texas A&M is producing graduates who will be familiar with reactor operation. The A&M Nuclear Science Center makes the school one of only 14 universities with nuclear power reactors. The reactor was built in 1961, and in 1968 the reactor was upgraded to one megawatt of power.

Texas A&M is the only university in Texas, Oklahoma and Louisiana with a nuclear engineering department, Ron Hart, undergraduate advisor and professor of nuclear engineering, said. Dan Reece, director of the Nu-

clear Science Center, said the center is a major asset to the nuclear engineering department. "Our primary mission is to be a learning and teaching center," Reece said.

Nuclear engineering and radiological health engineering students use the facility for research. Other departments use the reactor as well, Sean O'Kelly, assistant director of the center, said. "Other colleges have found uses for radiation," O'Kelly said. "Geosciences, liberal arts, architecture and chemistry are all able to use radiation in their research."

Research done by these departments is often done to dis-

cover the age of artifacts, O'Kelly said.

"By making an object radioactive and then monitoring the different energies the object gives off, we can determine how old an artifact is," O'Kelly said.

The Nuclear Science Center also has a tremendous outreach program, Reece said.

The center gives tours to elementary, middle and high school students. Many other people stop by just to see what a nuclear reactor looks like, Reece said.

The radiation source used is a uranium isotope. The actual source is 25 inches long, 15 inches wide and 30 inches tall.

The reactor is housed below a 30-foot deep pool of water. The pool shields anyone from being exposed to the radiation of the reactor.

"The shielding we have is adequate for a five megawatt reac-

tor," O'Kelly said. "Even if ever becomes questionable, radiation in the building is always monitored."

Nuclear power is probably most misunderstood source of energy, Reece said.

"When people think of nuclear energy they see the mushroom cloud," Reece said.

Everyone is exposed to natural radiation everyday, and should not be feared, Hart said.

"The nuclear power industry is very well regulated," Hart said. "There should be more concern about oil, gas, and coal energy. They are not nearly as regulated."

Since the beginning of the clear power age in 1944, there have been seven deaths associated with radiation, Hart said.

"You often read about refugees blowing up and killing a lot of people," Hart said.

Scientists attempt to manipulate monkeys

MADISON, Wis. (AP) — Researchers have isolated cells from monkey embryos that can be used to regenerate tissue and create genetically altered monkeys with disorders that mimic human diseases.

The discovery is an important step toward human gene therapy in which any kind of tissue, such as blood or bone cells, would be grown in the laboratory to replace diseased tissue, said Barbara Knowles, a geneticist at the Jackson Laboratory in Bar Harbor, Maine.

Knowles called the technique a "genetic Band-aid." However, it could raise a thicket of ethical questions because it involves genetic manipulations that can be passed on from one generation to the next. Some animal rights groups object to genetic manipulation of animals, while others question who should make decisions about genetically altering human beings.

Authorities said human gene therapy is not likely to be attempted for years. Similar work has been done in mice for a decade.

Rudolf Jaenisch of the Whitehead Institute and the Massachusetts Institute of Technology said that some human diseases, such as cystic fibrosis, can be produced in mice. But because the physiology of mice is so different, the mice don't come down with the same symptoms as humans.

With monkeys, "you would have a model which is very close to the human," he said.

HEALTH TIPS

Students, doctors must work together

By Kirk Cole
A.P. BEUTEL HEALTH CENTER

You and your physician are partners in your health care, and must work together in order for you to receive the care that is most appropriate for you. Remembering four basic concepts should improve your health care experience.

1. Give complete information. Provide complete and accurate information about your medical history. Be sure to mention past illnesses, surgeries, hospitalizations, immunizations, accidents, injuries and/or allergies. Include any medications that you are currently taking. For instance, you might make a list of any symptoms, medications or questions before you go to receive health care. Additionally, the physician or nurse may ask questions regarding personal habits, such as sleeping, eating and exercising, or about your family's medical history. This information may help the physician in making a diagnosis.

2. Be honest. If you are asked a question regarding your medical history, personal habits or your family's medical history, answer the questions truthfully and as accurately as possible. Your physician has your best interest at heart and will use the information in diagnosing your condition. Also, if you have any questions about a test, procedure or treatment, let the physician know so you both can discuss it. The physician will be able to explain why a particular test, procedure or treatment was ordered or prescribed. Then you can discuss any doubts or

questions you may have. This enables you to make informed decisions about your health care.

3. Ask questions. The only way to make informed decisions about your care is to ask questions. If you do not understand instructions or why a particular procedure was performed, then ask your physician. This is your health, and it is your right to participate in its proper management.

4. Follow the provider's instructions. Once you and your physician agree on a treatment or therapy, follow the instructions exactly as they were given. Doing so ensures that you return to your normal level of health. For example, if you receive a prescription and the instructions are to take all, then take all of the medication unless you experience an adverse drug reaction. If that occurs, call or see your physician immediately. The medication was given to your body of certain germs and the only way to destroy them is to complete the treatment. One suggestion for making sure that you remember the instructions is to repeat them to the physician. Finally, ask any questions regarding the treatment, such as danger signs or if you need a follow up appointment.

One study showed that up to 30 percent of college educated individuals had a serious misunderstanding of several basic medical terms. This statistic only emphasizes the need to follow these four points. Be an active participant in managing your health and remember that your physician is your partner in health care.

Thanks, But No Thanks, Marta.

Because of you, Texans have the highest residential utility bills in the nation.

Marta Greytok was the chairman of the Public Utility Commission when they voted to give you the highest residential utility bills in the nation.

Respected Texas newspapers called for Marta Greytok's resignation.

Newspapers like the Dallas Morning News, Fort Worth Star-Telegram, Corpus Christi Caller-Times, Austin American-Statesman and the San Angelo Standard Times called for her resignation.

Now Marta wants to be Texas Land Commissioner. Thanks, but no thanks.

Thanks, Garry Mauro.

"No state official within memory has done as much for, or had as much impact on, important matters that affected the Texas Gulf Coast."

Corpus Christi Caller-Times, April 18, 1994

Whether it's stopping ocean dumping, running the most successful veterans loan programs in the nation or operating the Texas General Land Office like a business, Garry Mauro has made Texas a better place.



Garry Mauro

Garry Mauro
For Texas Land Commissioner

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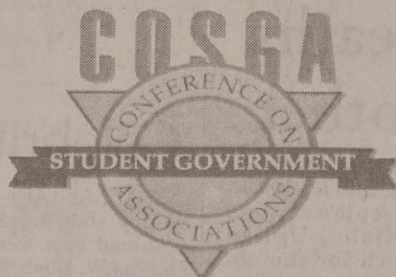
	MON 11/7	TUE 11/8	WED 11/9	TUR 11/10
3 pm	CHEM 101 CH 10	CHEM 101 CH 11	CHEM 101 CH 12	CHEM 101 Practice Test
5 pm	PHYS 218 CH 10, 11	PHYS 218 CH 12, 13	PHYS 218 CH 16	PHYS 218 Practice Test
7 pm	CHEM 101 CH 10	CHEM 101 CH 11	CHEM 101 CH 12	CHEM 101 Practice Test
9 pm	CHEM 102 CH 20	CHEM 102 CH 28, 29	CHEM 102 CH 21 part A	CHEM 102 CH 21 part B
11 pm 1 am	PHYS 210 CH 14, 15	PHYS 210 CH 16, 17	PHYS 201 CH 18	PHYS 210 CH 19

MON 11/7	TUE 11/8	WED 11/9	THR 11/10
FINC 341 7 - 9 pm Review I	FINC 341 7 - 9 pm Review II	FINC 341 7 - 9 pm Review III	FINC 341 7 - 9 pm Practice Test

COSGA '95

(CONFERENCE ON STUDENT GOVERNMENT ASSOCIATIONS)

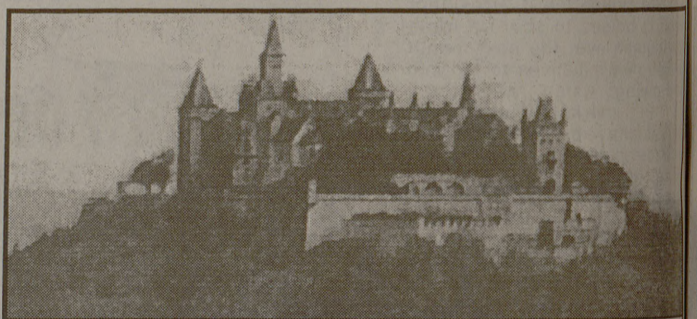
HOST/HOSTESS APPLICATIONS OUT NOW!!



Host/Hostesses are selected every year to assist in the operation of the conference. Host/Hostess duties include: leading small group discussions, driving university vans, helping to coordinate headquarters, and assisting in any other way needed.

Applications are in the Student Government Office (127 KOLDUS). They are due November 11th

IT COULD CHANGE YOUR LIFE!!



Study Abroad in Germany

TAMU's reciprocal exchange program with Tubingen allows students with 4 semesters of college German to spend the 1995-6 academic year in Germany.

Informational Meetings:

Tues, Nov 8, 11:00 - 12:15 pm 251 Bizzell West
Tues, Nov 8, 4:00 - 5:15 pm 251 Bizzell West

Requires a 3.0 GPA, U.S. Citizen, and Junior status at time of exchange.
Study Abroad Programs • 161 Bezzell Hall West • 845-0544

THE BATTALION

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