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Neagan answers questions secret arms shipments

(Sorry, somebody already ripped by

UNGTON (AP) - Presi-Robert C. McFarlane, Reagan's tion of the Iran-Contra affair since igan, silent for weeks on the former national security adviser, has before Christmas, and has not an-is sale scandal, answered "a" told Congress that the president had swered any questions since a Nov. 19 for the Grane Correct and Correct and the correc



Study of flu vaccine intends o eliminate harmful effects

By Joe Lowe Reporter

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out 1,100 Texas A&M students faculty members are participatin the first four-year study of the ctiveness of reduced doses of the dard influenza vaccine on the vi-

e study, coordinated by Dr. Quarles for the Baylor College ledicine, is designed to test proon from the flu produced by dosages of the current vaccine.

udents were chosen for the y last semester on the basis of ther or not their blood coned antibodies to the Taiwan flu, nost common strain this flu sea-

of the spring semester.

When a person has the flu, his zures body produces antibodies that make him immune to that particular strain. But when the composition of the flu virus changes, his body hasn't developed a system to fight the new virus yet, Quarles explained.

He said his team chose to test the vaccine on people without these antibodies.Quarles' team also looked for people who will be around for the faculty members and five-year engineering students.

The drug, Amantadine, protects against all current flu viruses classified as type-A influenza, Quarles said, but it has unfortunate side ef-Quarles said. The flu season fects, including blurred vision, swell-

traditionally begins at the beginning ing and increased risk of seizure among patients with a history of sei-

> These side effects are similar to those produced by antihistamines, but they are especially dangerous to the sick and elderly because the drug increases their chances of contracting pneumonia, he said.

Decreased dosages, Quarles said, should reduce these side effects — if not completely eliminate them - allowing the drug to be used safely on duration of the study - freshmen, all patients, particularly the elderly.

The study focuses on two partic-ular questions, Quarles said. It will compare the protection and side effects resulting from nose drop vaccines, as opposed to the standard flu shot, and will determine how long protection lasts with the lower doses.

by Scott McCullar Three officers implicated in jail sex scandal

> DALLAS (AP) — Two detention officers resigned and another was placed on leave following an investigation into allegations that jailers ob-tained sexual favors from female inmates in exchange for cigarettes, authorities said Monday.

Three county detention officers allegedly received sex from as many as 10 inmates in an elevator at Lew Sterrett Justice Center, said Jim Ewell, a spokesman for the Dallas County Sheriff's Department.

"One officer still faces a hearing," Ewell said. "We expect him to follow the same line that the others did and

resign." He said the first detention officer resigned Sunday, the second quit Monday and a departmental hearing on the third was pending. Officials said all incoming in-

mates, male and female, are proc-essed into the county's four jails through the central intake section at the Sterrett center. Female inmates are processed on

the center's first two floors, officials said. Jailers transport them by elevator to the second floor where the inmates receive prison clothes.

The investigation began Jan. 17 after jail officials heard rumors among inmates that several jail in-take officers were sexually involved with female prisoners, Ewell said.

Ewell said Lt. John Slovak, a watch commander, saw a jailer and a female prisoner enter an elevator and was curious because the jailer was not assigned to escort prisoners.

Slovak told investigators he took an adjacent elevator to the second floor, where he waited for about 12 minutes for the jailer and his prisoner to arrive.

The prisoner told officers the man had propositioned her in the elevator, but that the two had not had sex. Ewell said Slovak reported the incident to the department's Internal Affairs Division

Ewell said the prisoner told internal affairs officers six days later that she had sexual intercourse with the jailer in exchange for cigarettes. She also told investigators she had sex with another officer on March 3.

Two jailers have told investigators that they have had sex with female inmates, Ewell said



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Cyclotron grant designated for equipment

By Ronda Tapp Reporter

\$3.7 million Department of Energy grant retly awarded to the University Cyclotron Instiwill provide new equipment for research and ident training, as well as funds for research inducted over the grant's three year period. Dr. Dave Youngblood, director of the insti-

te, said the equipment will be used for a new cytron, now being built by Texas A&M staff.

The estimated \$8 million used to build the new lotron was provided by the Robert A. Welch undation, which specializes in chemical re-arch performed in Texas.

The new cyclotron is expected to be operating

this summer, Youngblood said, and will provide new experimental capabilities not available anywhere else in the United States.

The institute's building was expanded in 1982 to accommodate the new cyclotron.

When the new cyclotron goes into operation," Youngblood said, "the old one will be shut down. the help of the new cyclotron. We don't have the demand or the resources to keep it operating.

The cyclotron primarily is used to gain an understanding of the properties of nuclei as well as what holds them together. Youngblood said it is "Nearly all research done here is done in used for basic research, but in the process, new technologies and applications to industry and medicine are discovered.

The new cyclotron will allow researchers to probe deeper into the nucleus of the atom because it will accelerate ions to high speeds and because it contains a magnet three times stronger than the one used in the old cyclotron, he said.

Youngblood said students will be able to carry out better research projects for their theses with

The approximately 25 graduate students now working with the cyclotron will help build a new

"Nearly all research done here is done in con-junction with graduate students," Youngblood said. "We also train individuals to later make contributions to research.



