

Dosage levels not established Swine flu shots to start

After months of delay, the nationwide program to immunize all Americans against swine flu will finally be initiated. Yet, it may take another month before quantities of vaccine will be available, according to Mary Scott, registered nurse at the Student Health Center. Scott, who attended a meeting of the flu vaccination clinic coordinators in Temple last Friday, said that the purpose of the meeting was to prepare vaccination centers throughout the Temple dis-

trict. In addition to the shortage of the vaccine, which will be available in limited amounts after October 1, doctors have been unable to determine the exact dosage required for people under the age of twenty.

"We do know that those over twenty-five will need one shot each, we are not yet sure how much eighteen year olds would need," Scott said. The significance in finding out would determine whether there will be an on-campus clinic, in

addition to the several off-campus mass clinics located throughout the Brazos County.

It is not known whether the vaccine will become available in limited amounts or will come in one large shipment. All 90,000 inhabitants of Brazos County will receive shots.

The vaccination program, which thus far a preventive measure (no confirmed cases have been discovered since the single Fort Dix fatal-

ity last February), will involve two different types of vaccines: the monovalent, and the bivalent. The former will be administered to the general public, whereas the latter will be given to those who are at least sixty-five years of age, or have chronic ailments.

More details on the upcoming program will become available within a week, as Brazos County and campus health officials receive more substantial information.

Continuing education registration today

Registration is today and Thursday, Sept. 9 for more than a dozen liberal arts courses offered this fall by Texas A&M University on a continuing education basis.

The 90-minute classes run on

Monday, Tuesday and Thursday evenings from mid-September through mid-November.

Under continuing education guidelines, participants do not need to be formally admitted to Texas A&M to enroll for the courses. The only requirements are a \$30 fee and a desire for knowledge.

Interested parties may sign up on the second floor of Rudder Tower today and Thursday.

Topics offered include creative writing, adolescent social problems, Europe and Europeans, Texas archeology, Republic of Texas history, creative communication, Revolutionary Europe, philosophy of man and time, Texas' legislative process, alcohol abuse, human behavior and human aging and the American novel.

While finished work in these courses does not count towards a degree, certificates and continuing education units (CEUs) are presented upon completion.

The program is sponsored by the College of Liberal Arts and Texas A&M in cooperation with the Continuing Education Office.

Book's artist, contributors to be honored at reception

West Texas artist Mondel Rogers, whose paintings are featured in a Texas A&M University Press book published this month, and Mr. and Mrs. Joe Moore, whose gift made publication possible, will be honored at a reception Thursday in the Rudder Center Exhibit Hall.

graduate of Texas A&M and was president of its alumni association in 1974.

The reception will be from 4 to 6 p.m. and include autographing opportunities, said Frank Wardlaw, director of the Texas A&M University Press, host for the reception.

Wardlaw said the reception will be in the Rudder Center area currently utilized for an exhibition of paintings from Rogers' book. The public exhibition opened Aug. 23 and continues for two more weeks.

The 124-page book by the 1971 Texas Tech graduate features 80 paintings, including 57 in full color.

Accounting lecturer to speak

Prof. Raymond Chambers, of University, 1976 American Accounting Association Distinguished International Lecturer, is here this week for his only Texas appearance on a 10-campus American tour for the accounting associa-

Chambers will lecture at 2 p.m. tomorrow in Rudder Tower 301.

He is a former editor of Abacus and has held visiting professor status on numerous American, Japanese, Canadian, Australian and New Zealander campuses.

Texas A&M's Accounting Department is Chambers' host.

His lecture on Wednesday is entitled, "Asset Valuation and Financial Realism" and will feature a response by Marvin Ballard, Controller, Shell Oil Company.

A&M creating use for PBO

Texas A&M University currently has about one-quarter of the world's supply of PBO, a high temperature resistant polymer (plastics are a member of this family) that is superior to titanium and which could start a revolution for new materials for aircraft and missiles.

This amount, however, is about a gram which was synthesized by polymer scientists at the Air Force Materials Laboratory on Wright-Patterson AFB.

Since about 1960 Air Force scientists have been synthesizing polymers that are extremely resistant to high temperatures on a very small laboratory scale. Their idea is to provide lightweight and strong materials to be used like metals.

"Our task, here at A&M, is to develop solvents which will dissolve these polymers and allow them to be cast into useful shapes, much as one would with metals," explained project head Dr. David C. Bonner, a chemical engineer.

"Currently, we are working with a variety of polymers and exotic solvents," he said. "If we can solve a few more problems we will have the beginnings of a revolution of new materials. The development of these materials which could supplant many of these hard to get metals would relieve U.S. dependency on foreign sources."

"This PBO is probably the best polymer they've (the Air Force) synthesized so far because it would be competitive with titanium in strength and heat withstanding capabilities," Bonner said. "Our mandate though is to help the Air Force decide which materials they should spend their money developing."

"We can dissolve the PBO and we can process it but we're still not certain that the hazards are justified at this point," he said. "Because of the tough nature of the materials, very corrosive solvents like acids are often needed."

"What you get is a polymer with strength and temperature characteristics better than steel whose chemical resistance is even better yet," Bonner continued. "In addition to that they are practically immortal."

"Right now, it looks like application will be limited to uses which cost is not a prime consideration such as in defense projects," he said. "For instance, coating an electronic component with the polymer would make it impervious to surrounding conditions. Use wouldn't be wide scale because of the very complicated procedures needed to make the material."

"One use for the polymer would be in the production of fiber reinforced laminates such as those used in the tail and fuselage of the Boeing

747," Bonner said. "Currently, they use graphite fibers encased in epoxy resin which is strong but very susceptible to attack by water, even the water normally present in the air."

"As a result, they have to be replaced often for safety," he continued. "If the type of polymers we work with could be substituted for epoxy, one could envision a laminate that would be good for the life of the aircraft. There would be structural support and aircraft struts that would last forever almost."

"Right now we are just finishing our second year of research and are looking at an array of 15 polymers which took a couple of man years each just to make," Bonner observed. "Any of these, successfully developed, on a cost/pound basis could be the beginning of that revolution."

Barnes sues paper in \$20 million suit

Associated Press

BROWNWOOD — Attorneys have filed a libel suit on behalf of former Texas Lt. Gov. Ben Barnes against the Dallas Morning News in connection with a series of stories published earlier this week dealing with Barnes' financial activities.

Barnes alleges the stories have subjected him to "unwarranted abuse as a private citizen" and seeks \$20 million in damages.

The suit was filed by attorneys Dave Nabers and George Day before 35th District Court Judge William O. Breedlove in Brownwood.

Pieta on loan to Meadows Museum

DALLAS (AP) — Southern Methodist University's Meadows Museum has borrowed a 16th-century painting of the Pieta done by

Spanish artist Juan de Juanes. The 60-by-40 inch painting is on extended loan from the Dallas Museum of Fine Arts.

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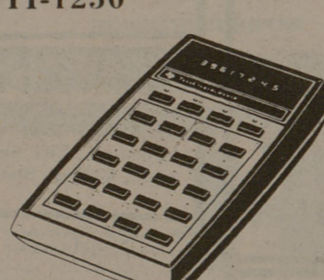


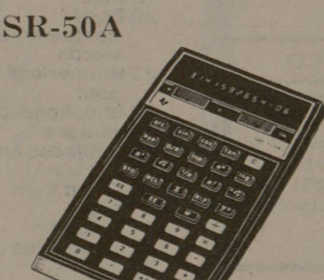
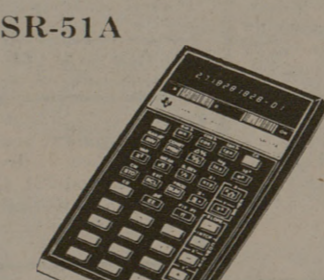
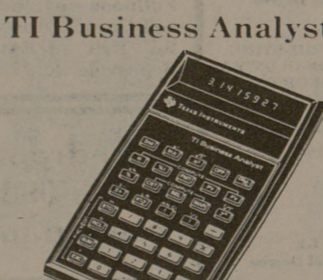
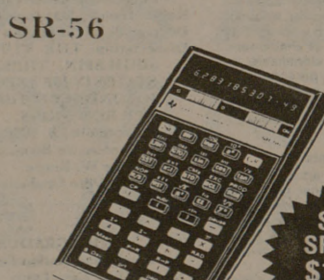
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