

cut here

**Defensive Driving Course**  
 July 31, August 1 and August 4, 5  
**College Station Hilton**  
 Pre-register by phone: 693-8178  
 Ticket deferral and 10% insurance discount

cut here

**AM/PM Clinics**

Minor Emergencies  
**10% Student Discount with ID card**

3820 Texas Ave. 401 S. Texas Ave.  
 Bryan, Texas Bryan, Texas  
 846-4756 779-4756

8a.m.-11p.m. 7 days a week  
 Walk-in Family Practice

**Contact Lenses**  
 Only Quality Name Brands  
 (Bausch & Lomb, Ciba, Barnes-Hinds-Hydrocurve)

\*\$79.00 -STD. DAILY WEAR SOFT LENSES  
 \*\$99.00 -STD. EXTENDED WEAR SOFT LENSES  
 \*\$99.00 -STD. TINTED SOFT LENSES  
 DAILY WEAR OR EXTENDED WEAR

Call 696-3754  
 For Appointment  
 \* Eye exam and care kit not included

CHARLES C. SCHROEPEL, O.D., P.C.  
 DOCTOR OF OPTOMETRY

707 South Texas Ave., Suite 101D  
 College Station, Texas 77840  
 1 block South of Texas & University

Coupon

**INTERNATIONAL HOUSE OF PANCAKES RESTAURANT**

**\$2.99**

Mon: Burgers & French Fries  
 Tues: Buttermilk Pancakes  
 Wed: Burger & French Fries  
 Thur: Hot Dogs & French Fries  
 Fri: Beer Battered Fish  
 Sat: French Toast  
 Sun: Spaghetti & Meat Sauce

All You Can Eat \$2.99 6p.m.-6a.m.  
 no take outs must present this  
 August 31, 1987

**International House of Pancakes Restaurant**  
 103 S. College Skaggs Center

**ATM The 1987-88 Aggieland Video Yearbook**

Is looking for hard-working, dependable students for staff positions.

The Assistant Producer and some camera people will be put on the payroll this summer for immediate training.

Following positions will be filled in the Fall:

- \* Camera people
- \* Artistic Director
- \* Secretary
- \* Script Writer
- \* Research Assistant

Applications will be considered immediately for any of the above, but payroll for these job categories will not start generally until September.

Applications are available in Student Publications Office, 230 Reed McDonald. Deadline for summer position applications is Friday, July 31 at 5 p.m.

For additional information contact: Greg Keith 846-6949

**CLASSIFIEDS**

**MINI ADS, BUT REAL HEAVYWEIGHTS WHEN RESULTS REALLY COUNT.**

**No matter what you've go to say or sell, our Classifieds can help you do the big job.**

**Battalion Classified 845-2611**

# World and Nation

## Reagan hails advances in science technology

WASHINGTON (AP) — President Reagan urged industrial and scientific interests Tuesday to move "as quickly as possible" to exploit breakthroughs in superconductivity.

Reagan, who favors self-help initiatives over government bailouts as a means for U.S. business to compete globally, called laboratory breakthroughs into high-temperature superconductivity "an historic achievement."

But in a speech to a government-sponsored conference bringing together business executives and scientists, Reagan also said that "for the promise of superconductivity to become real, it must bridge the gap from the laboratory to the marketplace."

Reagan suggested that the United States, which had a \$166.3 billion foreign trade deficit last year, must not allow other nations to get the upper hand in the commercial exploitation of the potential of superconductivity, the process by which electricity is conducted with no loss of energy to resistance.

Reagan said the government would do all it could to help foster development of this technology by industry, and said his administration was proposing to double the National Science Foundation budget over the next five years.

The president also noted that he will propose to Congress several legislative changes covering antitrust law, patents and protection of company secrets.

But he made it clear he thinks industry and science should take the lead.

Developments over the past year have raised expectations that superconductivity can be exploited commercially.

Materials must be chilled before becoming superconductors, and until recently they had to be made colder than 400 degrees below zero Fahrenheit.

That cost too much to be economically appealing.

But scientists worldwide have been reporting superconductivity in a new class of materials at much warmer temperatures, allowing cooling with much cheaper refrigeration than has been possible in the past.

One possible application is in the delivery of electricity to utility customers. Much electrical current is lost to resistance before the energy reaches the customer.

The loss to the nation's utilities, estimated at 10 percent to 15 percent.

The two-day conference stirred controversy because of administration decision to bar foreign officials and business representatives. However, the meeting was open to domestic and foreign media coverage.

William R. Graham Jr., Reagan science adviser, said the decision to open the Federal Conference on Commercial Applications of Superconductivity only to American participants was made because the administration wanted a domestic forum that focused on U.S. industry and research.

## Side effects of drug inhibiting spread of AIDS may limit use

BAR HARBOR, Maine (AP) — Laboratory studies show that interferon inhibits multiplication of the AIDS virus and its ability to kill cells, but the drug's side effects may limit its use in AIDS patients, a researcher said Tuesday.

Paula Pitha, a cancer specialist at Johns Hopkins University in Baltimore, said that interferon does not cure acquired immune deficiency syndrome, but merely slows its progression.

"It means you have to treat with interferon for a long time, and the present interferon treatment has some side effects — people don't feel well," Pitha said. She spoke during a gathering of geneticists at the Jackson Laboratory in Bar Harbor.

Interferon, a natural anti-viral substance produced by the body to fight disease, was widely touted several years ago as a potentially important weapon against cancer.

Though it has proven to be effective against some cancers, it has not had the dramatic impact that many researchers had hoped. It produces flu-like symptoms and alterations in immune systems, Pitha said.

These side effects might not be a great concern in patients who are seriously ill with AIDS.

However, Pitha's research suggests that interferon might prevent AIDS in patients who have been infected with the virus but have not yet developed the disease.

Interferon's side effects could be of greater concern in such patients, who are outwardly healthy.

Pitha's studies with interferon and AIDS-infected cells in the laboratory suggest that interferon disrupts the assembly of AIDS viruses in some way that makes them less infectious.

"If you treat cells before they are infected, you inhibit the virus replication," she said. "Interferon can also suppress the infection which has already been established."

Interferon also makes the AIDS virus less able to kill certain white blood cells called T-lymphocytes.

The killing of the T-lymphocytes by the AIDS virus is one of the ways that the immune systems of AIDS patients are damaged by the virus.

Pitha has also found, as was reported at an international conference on AIDS held in Washington in June, that other viruses of the herpes family can activate latent AIDS virus. "It might be a very important factor in the cause of the infection," she said.

The finding could explain how the AIDS virus, which can remain latent in the body for five years or longer, is suddenly triggered to produce active infection and symptoms of AIDS, Pitha said.

The finding also raises the possibility that acyclovir, a drug approved for the treatment of herpes infection, might be useful in AIDS patients, Pitha said.

Unfortunately, when acyclovir is administered for long period herpes viruses mutate and no longer are affected by the drug, she said.

Pitha said that natural interferon production is altered in patients with AIDS. Such findings reinforce the suggestion that the administration of interferon might be useful in AIDS patients.

## Radio station based on ship off NY coast seized by FCC agents

LONG BEACH, N.Y. (AP) — A ship-based rock 'n' roll radio station was seized Tuesday and two men were arrested after broadcasting from international waters for five days in defiance of the Federal Communications Commission.

"It's not going to cause me to give up, but obviously this is a major setback," said Randi Steele, operations manager for the station, Radio New York International, that broadcast from a rusty fishing boat.

"The basic message is that the FCC, the way it is acting, is in clear violation of the First Amendment," he said. "If I had my way, the entire FCC would be disbanded and rebuilt from the ground up."

Steele had said earlier that the ship, flying the Honduran flag, was not subject to FCC jurisdiction because it was one mile outside the three-mile territorial limit of the United States, off the south shore of Long Island.

The Coast Guard, which delivered a warning from the FCC on Saturday, and FCC officials boarded the vessel early Tuesday and arrested three men, later freeing one who was a journalist, Assistant U.S. Attorney Matthew Fishbein said.

The remaining two were charged with operating a broadcast station on board a ship outside national territories and conspiring to impede the functions of the FCC. The charges carry up to five years in prison and \$250,000 in fines.

"Here we have a deliberate attempt to test the authority of the commission," Richard M. Smith, chief of the FCC's Field Operations Bureau, said at a news conference in Washington. "We've had few if any cases previously like this. We hope this is a one-shot deal."

An FCC statement said the agency is "tasked with licensing and regulating radio stations so that orderly and efficient radio communication can be provided to the general public. Unauthorized transmissions can cause interference and deprive the general public from receiving authorized licensed stations."

Smith said the 200-foot, Honduran-registered fishing boat was boarded with the permission of the Honduran government.

Ramiro Figueroa, a spokesman for the Honduran Embassy in Washington, said the men might also face charges in Honduras because the ship was registered only for fishing.

"It's supposed to be a fishing boat," he said. "That's it. It is breaking Honduran law. It was not supposed to operate as a radio station."

Steele said of the Hondurans: "We expected protection... We were committing no illegal act."

Coast Guard Chief Petty Officer Joe Gibson identified those arrested as station engineer Alan Weiner of Monticello, Maine, who has boasted in the past of his ability to uncover loopholes in broadcasting regulations, and disc jockey Ivan Rothstein of Brooklyn.

Fishbein said R.J. Smith, a Village Voice reporter who boarded the vessel Monday night, was freed after his identification was confirmed.

Village Voice executive editor Kit Rachlis said Smith, a music columnist, shared the views of the 20 radio enthusiasts who started broadcasting Thursday as an alternative to what they consider stagnant rock 'n' roll formats on New York City stations.

The station broadcast for five hours each evening except Saturday while it tested its signals at 1620 on the AM band, 103.1 FM and on short wave and long wave frequencies, Steele, of Queens, said in a telephone interview.

Steele said those operating the station had tried repeatedly but failed to get an FCC license on land.

On Friday, the station's signal was powerful enough to reach the FCC's monitoring station in Allegan, Mich., FCC spokesman Sally Mott Lawrence said.

## Stock market bounds ahead to record high

NEW YORK (AP) — The stock market bounded ahead Tuesday, casting aside worries about the future and sending the Dow Jones average of 30 industrial stocks to a record high.

The closely watched index closed at 2,519.77, up 25.75 points from Monday and well above its previous record of 2,510.04, set July 17.

Some analysts said the move was born out of the market's penchant for doing exactly the opposite of what prevailing opinion would have it do.

They noted that many traders had been stuck in a mire of pessimism and uncertainty in recent days, pointing out that the advance was led by a host of blue-chips, while the broader market had not fared as well.

"This was a skeptic's rally," Eugene Peroni, of Janney Montgomery Scott Inc. in Philadelphia, said. "It seemed that even skepticism was advancing the market was undeterred in its quest for new highs."

In fact, of all the listed issues on the New York Stock Exchange, gainers only outnumbered decliners by a bit more than 4-3, with 899 stocks closing higher, 658 lower and 419 unchanged.

Big Board volume totaled 172.60 million shares, compared with 152.04 million shares Monday.

Thomas Czech, research director for the Blunt Ellis & Looney securities firm in Milwaukee, suggested that Tuesday's gains were based more on emotion than logic.

Nationwide turnover in NYSE-listed issues, including trades in those stocks on regional exchanges and in the over-the-counter market, totaled 2,055 million shares.

The NYSE index was up 25.75 at 175.24.