

# Koreans honor First Lady

United Press International  
SEOUL, South Korea — A chorus of 2,000 South Korean school children sang "God Bless America" Sunday as a gift to Nancy Reagan in a surprise ending to a busy day for the First Lady.

While President Reagan toured military bases at the tense Demilitarized Zone separating the two hostile Koreas, Mrs. Reagan watched Korean dancing, met prominent Korean women and visited an orphan-

age to which she donated a piano. The visit to the Seoul Boys Town, run by Rev. Aloysius Schwartz, a Roman Catholic priest from Washington, D.C., featured ballet and Korean song and dance performances in the orphanage auditorium.

Mrs. Reagan received warm applause when Father Schwartz announced that the new piano on the stage was a gift from her. She threw a kiss to the children as she walked from the stage to

an audience seat to watch the performances. At the end of the performance, the priest said the children had prepared two gifts for Mrs. Reagan, "one for the eyes and one for the ears."

An 11th grader, Kim Chang Mok, presented Mrs. Reagan with a color portrait he had painted showing the Reagans in traditional Korean garb.

Then, Father Schwartz said "Mrs. Reagan, please accept our second gift."

At that, the 2,000 children in the auditorium stood up and sang "God Bless America."

As the song ended, the first lady blew another kiss to the children and left.

Mrs. Reagan, clad in a tweed

suit and bundled in a black overcoat and red and brown scarf against the 30-degree weather, began the day by meeting Lee Soon Ja, wife of President Chun Doo Hwan.

The two first ladies stood in the chill by the National Museum on the grounds of the Kyongbok Palace and watched traditional Korean folk dances by colorfully clad Korean youths.

The two first ladies then went inside the museum to tour an exhibit of Korean celadon ceramics, and to attend a reception for 140 prominent Korean and foreign women hosted by Mrs. Celene Walker, wife of U.S. Ambassador Richard Walker.

## Course now required

# New class fills fast

by Edye Williams  
Battalion Reporter

When Dr. Hottel-Burchart arrives at Texas A&M this spring, she will have no problem filling her classroom. Several potential students, some from as far away as Hearne, Hempstead and Milano, already have inquired if and when the class she will teach will be offered.

The course is listed as Linguistics 625 and is part of the English as a second language program.

A recent Texas Education Agency mandate requires that high school teachers of En-

glish as a second language be certified in that area. To comply with the ruling, the English department and the Educational Curriculum and Instruction department have revised the certification program.

The program, which consists of four classes for 12 hours credit, has been designed to help the teacher already out in the field. Those teachers must go back to school to obtain their certification in order to continue teaching.

Classes will be offered late

in the afternoon and evenings so that teaching positions are working while they are their certification.

Guy Bailey, assistant professor of linguistics, program has been in place for a while, but until a mandate there were many interested parties.

Bailey said the class offered so teachers can endorsement within they attend classes during summer, or in four weeks otherwise.

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# Breakthrough reported in hydrogen research

United Press International  
LOS ALAMOS, N.M. — Los Alamos National Laboratory scientists say the successful firing

of both amplifiers of the world's largest carbon-dioxide laser is a benchmark in a national program to produce high-yield ener-

gy from plentiful fuels. The two 12-beam, tube-sized amplifiers were fired last week for the first time in an integrated mode, with beams delivering power to a target vacuum system, said.

The Antares system, over two acres, will be used for experiments in controlled fusion reactions.

If uncontrolled, fusion reactions produce thermonuclear explosions, but scientists believe controlled fusion is the future production of abundant energy.

Measurements on the lines last week verified the power of 18 and 20 terrawatts (one terrawatt equals one million watts).

"This event effectively marks the completion of the construction program, permit initiation of a series of target experiments during fiscal 1984," said Reichelt, Antares operations manager.

"This milestone has been accomplished by the efforts of a lot of dedicated workers," he said. "They are really a terrific team."

Commissioned in 1977 at a cost of about \$62 million, Antares is the fourth generation of high-power, short-pulse carbon-dioxide lasers developed at Los Alamos.

It is part of the national thermonuclear program, supported by the federal Energy Research and Development Administration, to study the practicality of thermonuclear weapons laboratory scale.

Ultimately, scientists hope to provide a controllable source of thermonuclear power for commercial application.

In layman's terms, the fusion research is to develop systems that will result in the production of more power from reactions than is required to create the power-producing mechanism. But the energy requirement is enormous and may require systems even more powerful than Antares.

The hydrogen fuel can be extracted easily from water and must be subjected to energy to "fuse," or join together, the nuclei of its atoms.

Lasers are used to produce the conditions for thermonuclear fusion by compressing and heating atoms of deuterium and tritium — isotopes of hydrogen — confined within tiny pellets known as microballoons.

Mirrors focus the laser beams on these targets, collapse the inner shell and compress the fuel, causing the atoms to fuse and produce energy.

## Police beat

The following incidents were reported to the University Police Department on Friday:

**THEFT:**  
• A blue 10-speed motorcycle from between dormitories 2.

• A white 10-speed motorcycle from the front of Building.

**BURGLARY:**  
• \$85 in cash from a room in Briggs Hall.

• Ceiling tiles from 434 North Ford.

**ARREST:**  
• A person was arrested for stealing four pizzas from a Hut vehicle parked in the lot east of Hart Hall. The person was taken to Brazos County Jail.

**OTHER:**  
• A man touched the breasts of two women in the chest and groin areas when they were in Kyle Field, University of Texas. The police found the man and charged him.

• A fire alarm on the 1st floor of Sterling C. Evans Hall was activated, but it was a false alarm.

juniors—seniors  
 grad, vet, med

# Don't forget to have your pictures taken before Thanksgiving for the yearbook!

Yearbook Associates, located at 1700 S. Kyle behind Culpepper Plaza, will be taking pictures Nov. 11 and Nov. 14-18 from 8:30 a.m. to 4:30 p.m. For more information call 693-6756 or 845-2681.

Yearbook Associates will also be taking Junior and Senior pictures at their office Nov. 28-Dec. 2 and at the Pavilion Dec. 5-9. No more pictures will be taken after Dec. 9.

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