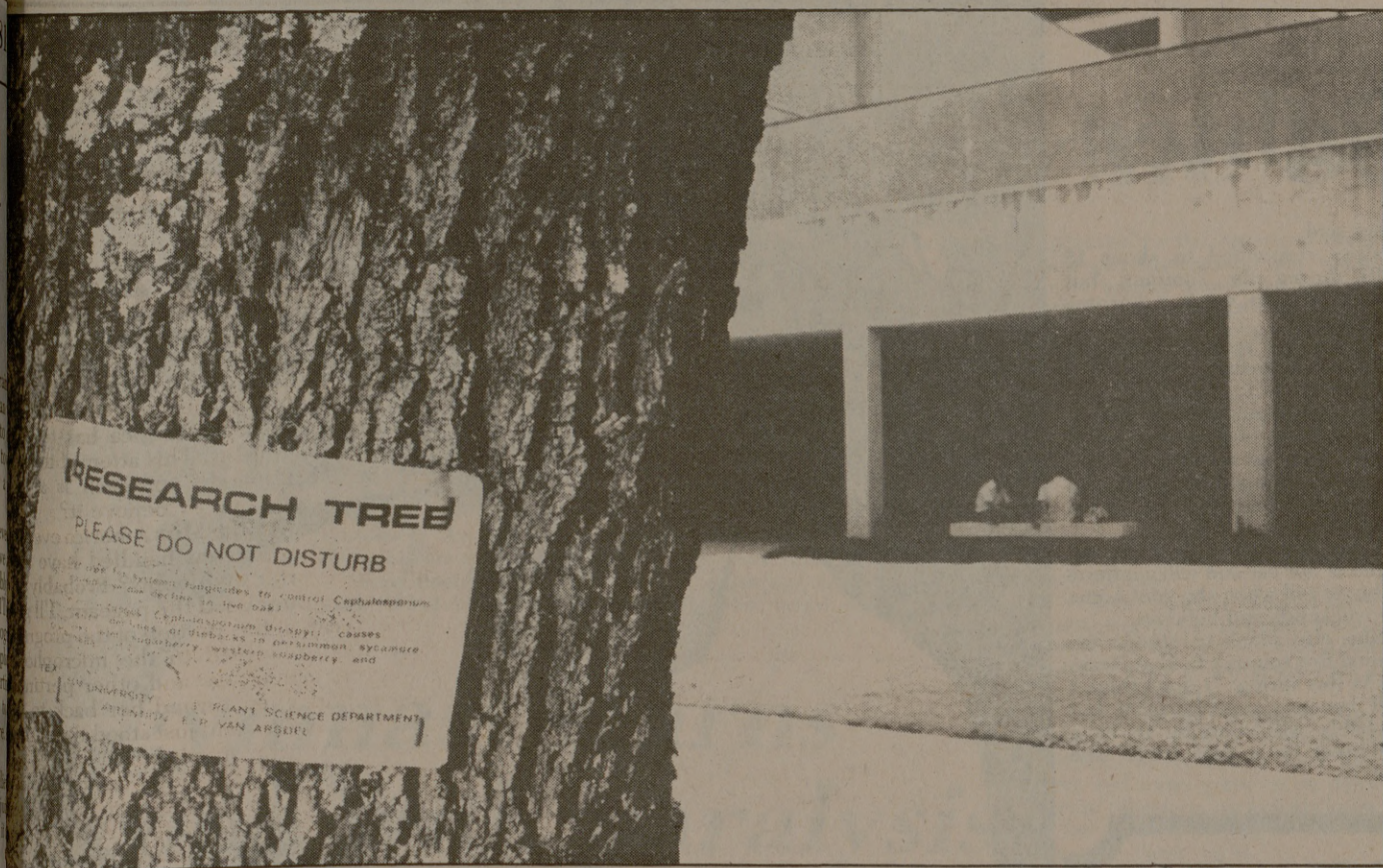


Local



Staff photo by Greg Gammon

## Diseases studied in campus oaks

By DARLENE JANIK  
Battalion Reporter

Many of the oak trees on the Texas A&M University campus are labeled with small yellow signs that identify them as research trees.

These trees, as well as ones on farms, ranches, nurseries and homes throughout Texas, are part of a research project to find a control for oak wilt and oak decline, two diseases common to Texas oaks.

The University's plant sciences department and the Texas Agricultural Extension Service are conducting the research.

The diseases, caused by fungi, are found widely throughout Texas. Although they were discovered in Texas in 1933, the most extensive research has been conducted in the past 10 years, said Dr. Wendell Horne, project group supervisor and plant pathologist.

The control method now being tested is the injection of a chemical, Arbotech, at the base of the trees. The chemical spreads through the tree's vascular system to combat the fungus. Other

chemicals have been used, but Arbotech has been the most effective, Horne said.

In both diseases the fungus grows inside the vascular system and is transmitted by insects or by the roots of a healthy tree grafting with the roots of a diseased tree, Horne said. Oak decline is detected by a loss of leaves and slow death of the tree.

Oak wilt results in a very rapid death of the tree, even though it sometimes retains its leaves, Horne said.

Dr. Jerral Johnson, plant pathologist with the TAES, has been doing most of the work on this project, Horne said. Johnson also works with county extension agents to inform private land owners how they can combat the diseases.

In the plant sciences department, Dr. David Appel recently took over the disease research. He said he doesn't have any specific plans yet, and right now technical work and basic research needs to be done.

## Mock LSAT to be given Saturday

The Texas A&M Pre-Law Society Saturday is giving a mock Law School Admissions Test at 8 a.m. in 102 Zachry.

The test is based on the same format as the Scholastic Aptitude Test. A math section covers basic geometry and algebra and another section covers logical reasoning.

The Law School Data Assembly Service provides a copy of an LSAT used in a previous year, as well as the correct answers, for anyone who requests them after the exam has been given.

The LSDAS is an information gathering service that compiles students' test scores and information sheets and sends them to different law schools upon request of students.

This is the second year the test is being offered at Texas A&M.

Registration is in 100 Harrington and costs \$5. Friday is the deadline for registration.

The sign on this oak tree near Rudder Tower designates it as part of a research project to control diseases common to Texas oaks. The research is being conducted by the plant sciences department and the Texas Agricultural Extension Service.

## Team gives first aid to students, staff

By EDDIE ELMS  
Battalion Reporter

The Texas A&M University Emergency Care Team, a volunteer organization, is responsible for the emergency health care of the Texas A&M community.

The team is composed of about 40 members who administer free first aid treatment to Texas A&M students and faculty. They do this any time emergency care is needed, whether on or off campus.

The team has members at home football games, bonfire, intramural activities, Firemen's Training School and other events where their services have been requested. The team also provides a free blood pressure check once a semester in the Memorial Student Center.

The ambulance service at the

A.P. Beutel Health Center is operated by members of the team from 7 a.m. to 5 p.m. daily, and is staffed with at least two trained volunteers.

The most common calls, team member Allen Jenkins said, are from people suffering from exhaustion caused by either working in the heat or staying up all night without eating. He said they often give emergency care to cadets who pass out while on runs. When this happens the ambulance goes to "wherever they happen to drop," he said.

Members of the team are students and faculty who have an interest in helping other people, Dr. Claude B. Goswick, adviser of the team, said. They must be interested in emergency care, compassionate, willing to work and "happy doing what they are

doing," he said.

Before becoming a member of the team, an applicant must be interviewed by the Admissions and Operations Committee of the team. Team member Mark Daugherty said this is because "we want motivated people in the club," and because the team requires participation from each member.

Once a person becomes a member, it is up to him to volunteer to work at an event. Goswick said there is no obligation or compulsion once a person becomes a volunteer. But if they do volunteer, "they are expected to carry their share of the load," he said.

Each member of the team has received some type of certification to administer first aid. The minimum level is Standard First Aid, which means that a person is qual-

ified to treat minor injuries. After 20 hours more training, a person becomes an Emergency Care Attendant.

Laura Kitzmiller, faculty sponsor for the team, said an ECA has learned the principles and procedures of basic emergency medicine and, "can handle emergency care cases and can stabilize life and death situations."

The highest certification on the team is the Emergency Medical Technician. To become an EMT requires 20 more hours of classroom training, 20 hours of actual experience and attendance on two ambulance calls when someone's life is in danger.

Jeff Riblet, an EMT on the team, said the EMTs trained through the University are "the best in the state" because they receive over twice as many hours as required.

Goswick said he has confidence in all the team members. "I think they are well qualified," he said. "I wouldn't mind them taking care of me."

Even though the members are well trained, constant changes in emergency care require them to keep learning. To do this, team members review and test each other in training sessions held once a week.

The team has grown from six members in 1976 to 80 members in 1981. The addition of the ambulance in the spring of 1980 is one reason for the recent growth of the team. Other reasons for the changes, Kitzmiller said, are more equipment, training and participation.

She said emergency care at Texas A&M has gone from Band-Aids to an ambulance, from one course in first aid to EMT classes.

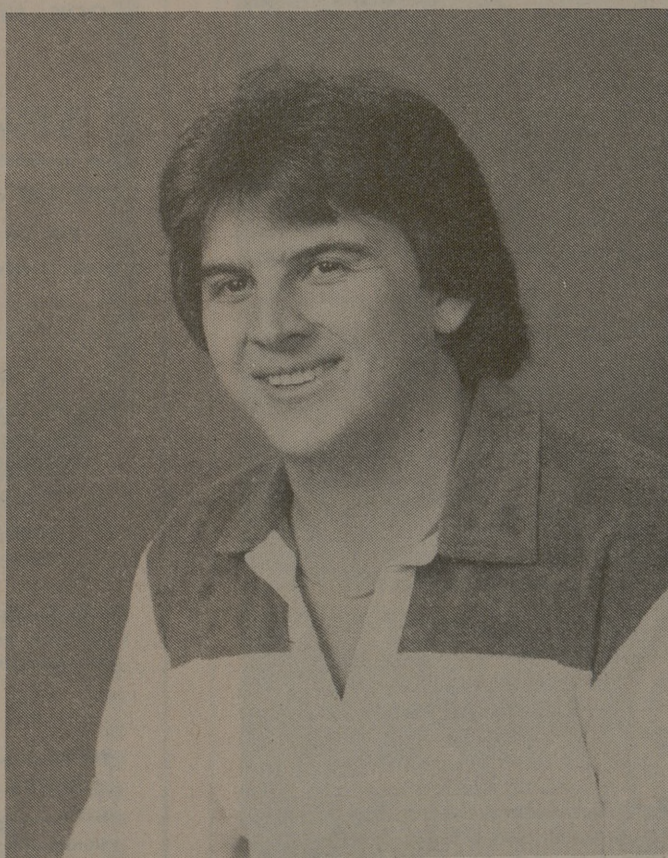
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