

Sculptor designs teaching aids

U.H. students use wooden eyes

United Press International
HOUSTON — Professors at the University of Houston's College of Optometry are using three new wooden sculptures of eyes as teaching aids.

The sculptures, by artist Ron Schumacher, are somewhat abstract, but are based on almost two years of research on the anatomy of eye. The 4-foot-square sculptures are on display at the college this month.

Schumacher, who worked closely with Dr. Robert Rice, an associate professor of optometry, learned enough about the eye to put to-

gether first a workable model and then the actual sculptures. Each of the three depicts a different view of the eye.

In order to engineer his creation most effectively, he tried to match the grain of the wood to the actual structure of the eye tissue. This involved the use of 15 different types of wood.

Schumacher persuaded 25 people to invest \$100 each to pay for the project.

Sketches of the sculptures were completed in February, but then the hard work began.

He labored for three months in his small workshop in the backyard of his Houston home and managed to complete one sculpture a month. He now hopes to sell the work for about \$22,000.

Rice said he was not surprised by the collaboration of science and art.

"Surprisingly enough, anatomy has a lot of art in it. It is a very three-dimensional science, and we deal more with atlases than textbooks. If anything, as far as teaching goes, one of the weakest links is the lack of

graphic depiction of the eye. So it was not unnatural for me to act as an art adviser," Rice said.

Although the real anatomy of the eye formed the basis for the pieces, Schumacher had to exercise considerable artistic license and make some major modifications before he reached the end product.

The sculptures are very different from each other, although they share a common theme. The last view is the most representational of the three.

Shuttle Discovery to blast off June 22

United Press International
CAPE CANAVERAL, Fla. — With engineers rushing to fix a series of nagging problems with the new shuttle Discovery, the space agency Tuesday cleared the orbiter for blastoff June 22.

The National Aeronautics and Space Administration said Discovery is scheduled to roar into space on its maiden flight from its oceanside launch pad at 8:43 a.m. EDT.

If all goes well, the seven-day mission will end June 29 on a lakebed runway at Edwards Air Force Base, Calif., at 9:53 a.m. EDT.

Veteran shuttle astronaut Henry Hartsfield and his rookie crewmates Michael Coats, Steven Hawley, Mike

Mullane, Charles Walker and Judy Resnik plan to deploy a new communications satellite and conduct a variety of exotic experiments.

NASA officials in Washington said the launch date will be "reassessed" in about a week after a thorough check of Discovery's systems to see how they came through Saturday's test firing of the shuttle's big main engines.

Discovery is the third shuttle in NASA's growing fleet and it originally was scheduled to blast off June 19.

The three-day slip was caused by numerous delays getting Discovery to the launch pad and a one-day delay in cranking up the shuttle's main

engines for a crucial test run.

The flight readiness firing was conducted successfully Saturday but a series of problems were noted prompting a 24-hour delay until Wednesday in loading the Syncom-4 communications satellite and other cargo into Discovery's payload bay.

NASA spokesman Rocky Raab said a device that controls the payload bay door latches, the vent system and latches that lock the shuttle's fragile mechanical arm in place gave faulty readings that puzzled engineers.

Technicians also planned a careful look at the reinforced edges of Discovery's wings to make sure small heat insulators were properly in-

stalled, and began work to repair one wingtip that was damaged during the shuttle's processing in its hangar.

In addition, about 12 heat-shielding tiles were damaged during the engine test and will have to be repaired or replaced.

Meanwhile, spokesmen for the Canadian astronaut program told a news conference in Ottawa Tuesday that the first U.S. space shuttle mission with a Canadian on board will blast off 3½ weeks earlier than originally scheduled.

The mission has been set for Oct. 1 rather than Oct. 24, as part of a general rescheduling of shuttle missions by NASA.

Closed-door investigation launched

Authorities look into tallship accident

United Press International
HAMILTON, Bermuda — Bermudan authorities Tuesday launched a closed-door investigation into the freak sinking of a British square rigger as an intense search at sea failed to turn up any trace of 18 missing people.

A Polish schooner that rescued eight of 27 people from the 117-foot-tall Marques will scatter funeral wreaths and observe a moment of silence at the spot where the ship sank, officials said Tuesday.

The schooner Zawisa Czarny was scheduled to leave Bermuda late Tuesday for a 12-hour sail to the area where the Marques capsized and sank in less than a minute during a freak hurricane 78 miles north of Bermuda.

After a brief service for the one dead and 18 missing, the Polish vessel will resume the 1984 Tall Ships Race from Bermuda to Halifax, Nova Scotia. The Marques was participating in the race when it sank Sunday after being hit by "an incred-

ible" wind and two giant waves.

Three Canadian Forces ships and one U.S. Coast Guard cutter crisscrossed an area of 3,240 square miles Tuesday looking for any sign of the missing crew members and passengers but came up empty.

Race officials said the search would be called off at dusk Wednesday.

Nine people survived the sinking of the Marques — eight who were rescued by the Polish vessel Zawisa Czarny and taken to Bermuda and

one who was taken aboard a Canadian frigate heading for Halifax.

The Bermuda Department of Transportation began a closed-door investigation in Hamilton. Among the witnesses scheduled to be heard were several officials of the Sail Training Association.

The British colonial government of Bermuda announced it will provide funds to help repatriate the eight survivors brought to Bermuda. The eight spent Tuesday shopping for new clothes.

A&M prof writes Texas history book

University News Service
It was two weeks after his 68th birthday when the venerable Sam Houston, hero of the Texas War for Independence, statesman and Father of the Republic was booted out of the governor's mansion by a hell-bent-for-secession Legislature.

Tired, frail, and unhappy with Texas' decision to join the Confederacy, Houston went home to Cedar Point where he died two years later.

So began the tale of the state's withdrawal from the Union which it had voted overwhelmingly to join just 16 years earlier. Texas was unique among the seceding states be-

cause of its ambivalence toward secession. Houston was not alone in his opposition. There had been some who had urged him to resist the move to remove him as governor.

But Texas was more a southern than a western state in 1861 — most of its settlers were immigrants from Deep South of border states.

Texas A&M University history professor Walter Buenger has written a book chronicling this time in the state's history that is both a narrative of secession in Texas and a case study of the causes of secession in a southern state.

Entitled "Secession and the Union

in Texas," it is a study of public hysteria, the pressure for consensus and a failure of the political process.

On his way home after leaving Austin, Houston was called on by men who had fought with him to make a speech in Brenham. He was reluctant to speak until a mob of southern sympathizers threatened him with violence. Sam Houston addressed the crowd with his old friends and comrades-in-arms ringing the platform with drawn revolvers.

"Secession and the Union in Texas" by Walter Buenger is available from the University of Texas Press.

Police beat

The following incidents were reported to the University Police Department through Tuesday:

MISDEMEANOR THEFT:

- A red Schwinn ten-speed bicycle was stolen from the Hart Hall bike rack.

CRIMINAL MISCHIEF:

- Someone activated one of the fire alarm pull stations on the first floor of Haas Hall.
- The face plate was stolen from the door to the third floor men's room in the Oceanography and Meteorology building and the commodes were stuffed with paper towels.

AUTO INSURANCE FOR AGGIES
Call: George Webb
Farmers Insurance Group
3400 S. College 823-8051

OVER 30,000 PEOPLE READ IT IN THE BATTALION



Our Backpacks Graduate with Honors

Our time tested backpacks will hold up to all the rough treatment a student has to offer. Known for durable materials and reinforced construction, all our packs have a lifetime guarantee. Stop by soon and choose from a wall of rich colors and over a dozen different designs to suit your personal needs.

Whole Earth Provision Co.
105 Boyett College Station 846-8794

CYCLE PRO

Official Sponsor Of The A&M Cycling Team

Specializing in the sales of: **MIYATA BIANCHI TREK ROSS**

We carry
- Racing Bikes
- Touring Bikes
- All-Terrain Bikes

We Service All Makes

New line of touring accessories from Cycle Pro & Kangaroo Bag

Full line of cycling clothing including triathlon suits, racing & triathlon shorts, cycling shoes, etc. Clothing by Giordana, Castelli, Diadora, and Sierra Touring Designs

846-BIKE
110 College Main



Baptist Student Union Summer Activities

Noon Bible Study
Tuesday and Wednesdays
11:45am

Howdy Party-Thursday, June 7
featuring Brenda Crim
7:00pm

201 College Main (behind Kinko's)
846-7722

FARMERS MARKET

Presents the

Muffalata ...

A New Orleans Specialty of Ham, Hard Salami and Swiss Cheese with our own Specially Marinated Olive Dressing.

Served on your choice of white, whole wheat or rye bun.

-- WITH THIS AD --
ONLY \$2.25

This Special Expires June 15.

Open 10 am to 8 pm Monday-Saturday Open Sunday 2 pm to 6 pm

A Little Rhyme A Lot of Reasons

Seven acres of wooded land
Beautifully landscaped with a caring hand.
Shrubs and flowers covering the ground
Aesthetic sights at this condominium abound.
A pool, a spa plus abundant living space
Emphasizes the fact that The Oaks is no common place.
Each condominium comes with a garage for your car
So the morning walk from home to auto won't be very far.
Tho' nestled in the trees so green
Nearness to A&M makes it oh so keen!
The close proximity of the shuttle bus route
Is one of many important features we'd like to tell you about.
The Oaks even has its own security guard
Which makes relaxation all the less hard.
All agree rent is such a terrible waste
But owning a condo shows such economical taste.
With the distinct advantages of tax deductions and depreciation
Mom and Dad will surely show their unbridled appreciation.
So there exists no evidence for further delay -
The Oaks of Villa Maria await your arrival today!



Free Membership Aerofit Fitness Club
With Every Condominium Purchase

THE OAKS OF VILLA MARIA
1305 W. Villa Maria, Bryan 775-5389



COLDWELL BANKER Green & Browne Real Estate
209 East University Dr., College Station, 846-5701