

UT testing may aid hypothermia sufferer

United Press International
DALLAS — Marcia Cates was in her kitchen when the seizures first hit in February 1981, with such force that she drove her fingernails through the palm of her hand.

A few weeks later more seizures crushed her bottom two vertebrae, decreasing her height by two inches. It wasn't until Cates suffered a two and a half-hour seizure in October 1981, that doctors discovered her temperature was fluctuating 20 degrees.

Since then, Cates has suffered seizures and body temperature surges and drops that have left National Aeronautic and Space Administration researchers and doctors baffled.

Cates, 42, suffers from what doctors believe is poikilothermia. The condition causes her body temperature to fluctuate between 88 and 108 degrees.

She and her family hope to come to Dallas soon for tests by doctors at the University of Texas Health Science Center. "I'm excited about that —

I've been through this long enough that it's just one more hurdle," Cates said Monday from her home in Chatham, Va.

"NASA refers to her as open loop circuit," said her husband, Grady Cates. "An open loop meaning that her wires are gone on the heating and air conditioning both."

Doctors at the UTHSC said Cates suffers from the only known case of long-term extreme hypothermia. They believe her condition was caused by a cranial aneurism that ruptured while she was undergoing treatment in 1980 at Duke University.

Doctors have used drugs to control her seizures, but she has been confined to her house because of her body temperature drops and surges.

Dr. Bill Williams, a former NASA scientist now with the Environmental Protection Agency in Corvallis, Ore., has worked with Cates and provided her lifesaving equipment.

First he sent several insulated space suits which worked only for a while. Then Williams helped Cates get a Vitalog — a device about the size of two packs of cigarettes that is connected to her left arm and monitors her heart rate, temperature and body activities.

The device sounds a warning when Cates' temperature reaches dangerous levels because she is unaware of changes in her body temperature.

It is data provided by the Vitalog that UTHSC researchers hope to analyze.

At the UTHSC, Dr. James Lipton will do thermal tests to measure changes such as sweating and shivering on Cates. He hopes the tests will aid in the management of Cates' temperature and provide documented information on her condition.

Lipton also hopes the tests will provide documented information valuable to the international medical community and NASA researchers.

Tribe asks return of land

United Press International
WASHINGTON — A group of New Mexico Indians and the Reagan administration Tuesday urged Congress to allow the return of sacred grounds the Indians were swindled out of by a Spaniard 178 years ago.

In testimony before the House Interior and Insular Affairs Committee, members of the 900-member Pueblo de Cochiti, government officials and members of the New Mexico delegation all joined in urging the return of the approximately 25,000-acre tract adjacent to the reservation near Bernalillo, N.M.

"We believe that failure to return this land would be a grave injustice to the Pueblo de Cochiti," Ken Smith, assistant secretary for Indian affairs, said.

"Their claim is unique," he said. "It represents the only known case of an Indian tribe pressing for land restoration on the basis of a paper title acquired by purchase."

Smith said an 11th-hour compromise had been worked out with the Department of Agriculture over an easement interest in the Santa Cruz Spring Tract — now part of the Santa Fe National Forest. The administration

decided Monday night to support the bill at Tuesday's hearing.

Pueblo Gov. Daniel Chalan, accompanied by nine members of the tribe, said the Cochitis have long considered the land near their 27,000-acre pueblo part of their home.

He said the pueblo has placed nearly \$450,000 in escrow to use to buy out the livestock grazing leases held by cattlemen on the tract, which under the bill would be surveyed to determine its precise boundaries.

Smith said the tribe purchased the land in 1744 "in accord with the laws of the Spanish Empire," but in 1805 Luis Maria Cabeza de Baca attempted to buy the area with a fraudulent deed.

"He came into possession of a purported deed which was later declared void by the Spanish Colonial Court (around 1818) due to a finding by the court that de Baca had used fraud and duress in his acquisition," said Smith. "Unfortunately the document recording the court's ruling was lost until 1979."

Rep. Bill Richardson, D-N.M., who represents the area, said the written copy of the Spanish colonial court's ruling was suppressed.

"Without it, they were unable to prove their ownership to their subsequent Mexican sovereign or to the United States when we acquired the New Mexico territory in 1848," he said.

He said early this century the Indians tried to persuade a New Mexico court that they held title, but without the Spanish document, their case failed.

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Pre-holiday ruling promised by judge

United Press International
HOUSTON — A federal judge has promised to rule before Christmas on a lawsuit filed last December concerning the legality of allowing Nativity scenes to be set up in front of two Houston courthouses.

During a hearing Monday, U.S. District Judge George Cire said he will rule at a later date on the case filed by the American Civil Liberties Union against Harris County challenging the placement of Christmas scenes on the lawns of two county buildings.

The case, which allegedly resulted in several death threats against ACLU staff attorney Stefan Presser, hinges on a similar Pawtucket, R.I., case pending before the U.S. Supreme Court. At this time, the city is under a permanent injunction preventing the sponsorship of Nativity scenes in public buildings.

Presser said he received nearly a dozen telephoned death threats and one anonymous letter.

"That's not counting the times I was told I was going to hell," Presser said.

Another ACLU lawyer Eliot Shaver argued the scenes were "purely a religious symbol," and that government should not "put its finger into religion."

The Rev. J. Frank Schulman of Emerson Unitarian Church testified that he opposed the Nativity scenes because "the consequences can only be bad" if the government acts toward the support of religious subjects.

But T. Gerald Treece, hired to represent the county in the suit, argued the Nativity scenes are a traditional part of Christmas decorations and that Christmas had become a national, secular holiday.

"Nativity scenes are to the Christmas season what pilgrims and turkeys are to Thanksgiving," Treece said.

He said the two scenes — one purchased in the early 1960s and the other in 1973 — have been sold to a senior citizen's organization for \$301.

Police Beat

- The following incidents were reported to the University Police Department between July 18 and July 25.
- THEFTS:**
- A wallet containing \$20 in cash from the Langford Architecture Center.
 - A blank personalized check and \$50 in cash from a folder in Fermier Hall.
 - A textbook from the Commons Dining Hall.
 - A wallet from a desk in the New Engineering Laboratory.
 - A wallet containing \$60 in cash, driver's license and credit cards from an office in the Plant Sciences Building.
 - A Sharp 100 calculator from 107B Oceanography and Meteorology.
 - A Hewlett-Packard 41-CV calculator from room 222x of the Chemistry Building.
- Bicycles:**
- A green 10-speed from the Hensel Street Apartments
 - A brown 10-speed Vista from the Ball Street Apartments.
 - A yellow 10-speed Schwinn from the Zachry bike rack.
 - A white 10-speed Red Line from the Aston bike rack.
 - A red 10-speed Schwinn from the Hensel Street Apartments.
 - A yellow 10-speed Campagna from Parking Area 36.

- A blue 10-speed Schwinn from the Avenue D Apartments.
 - A blue 10-speed Huff from the Avenue D Apartments.
 - A red 10-speed Sears Free Spirit from the Avenue D Apartments.
 - A gray 10-speed Itoh from the Dorm 7 bike rack.
 - A tricycle from the Hensel Street Apartments.
- RECOVERED PROPERTY:**
- A Yamaha moped reported missing was found in Parking Area 37.
 - A wristwatch reported taken from the faculty locker room in Deware Field House.
 - A black Schwinn 10-speed bicycle reported stolen in May.

PLITT THEATRES
 DISC. FIRST 30 MINS. OF 1ST SHOW (EXC. HOLIDAYS)

CINEMA III
 SKAGGS CENTER 846-6714

"JAWS 3-D" (PG)
 1:30-3:15-5:00-7:30-9:50

"FLASHDANCE" (R)
 1:45-3:45-5:45-7:45-9:50

"CLASS" (R)
 2:00-4:00-6:00-8:00-10:00

CINEMA III
 POST OAK TRAIL 764-0616

John Travolta (PG)
 "STAYING ALIVE"
 12:45-2:55-5:00-7:30-9:40

"THE SURVIVORS" (R)
 Mathau and Robin Williams
 1:00-3:15-5:30-7:45-10:00

Burt Reynolds is "STROKER ACE"
 1:10-3:20-5:25-7:40-9:50

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2:45-5:05-7:25-9:40
TWILIGHT ZONE (Dolby)

2:40-4:55-7:35-9:45
BLUE THUNDER

2:35-5:00-7:30-9:55
TRADING PLACES

2:20-4:50-7:20-9:50
OCTOPUSSY (Dolby)

1:30-3:15-5:00-7:30-9:45
SUPERMAN III

822-8300
MANOR EAST III
 MANOR EAST MALL

2:00-4:40-7:20-9:55
RETURN OF THE JEDI (Dolby)

2:35-4:55-7:25-9:45
THE MAN FROM SNOWY RIVER

2:00-3:50-5:40-7:30-9:20
SNOW WHITE and the SEVEN DWARFS

822-3300 2000 E. 29th
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