







THE CLAY COUNTY LINE

Wednesday, January 26, 2005

\$50,000 grant helps Orange Park students' space quest

By DEBORAH CEARNAL Clay County Line

sights on the stars in an effort Christian Academy have their to help us on Earth. Some students at Orange Park

presented to them in ceremotheir quest with a \$50,000 grant They will be able to continue

County prior to her death last estate of the late Lydia Harvey sented with a check from the Nocar, who lived in Clay fekna-Theos Inc., was prenies Jan. 19 in the school's gym. The student group, called

God," wants to play an integral said Alice Basford, Nocar's perosteoporosis. part in finding a cure for that vision [of Tekna-Theos], Theos, Greek for "children of "She wanted to be a part of representative. Tekna-

the school and Tekna-Theos' president. Simmons said he wanted to create something Kevin Simmons, a teacher at ago as an idea for a club, said Tekna-Theos began five years

> Simmons said. evolved into a non-profit comsend to space." The group pany that would pursue funds to "continue to develop a defor students" so they could "build a medical experiment to vice to send on the shuttle,"

get into a space flight program. a bioreactor, to award scholarships and to write proposals to continue research and develop goal. The funds will be used to started project toward that Simmons will use the money further Tekna's already-

to discover why "the rate of forshuttle mission. Osteoporosis is engineers in Alabama to build a mation of bone becomes zero and Tekna students would like a form of bone deterioration, group envisions sending on a prototype of a machine the sortium last year, Tekna-Theos was able to contract with NASA the Florida Space Grant Con-With an \$18,000 grant from weightlesness," Simmons

"Astronauts lose 1 percent of

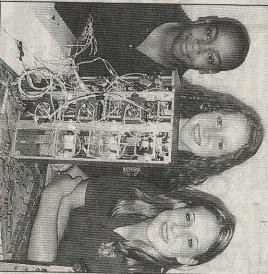
bone mass per month while overcome this bone loss problem," he noted. they are in space. We must

changes to the cells. observe and rate treatments into space and growing bone cells with sepawith the idea for the research. lekna's experiment will take bones work and are made with childhood fascination with how his interest in space to come up Simmons combined catalog

she loved children and Tekna was a good combination. wanted to give to research and learned about the group, Basfunds to Tekna-Theos when she Nocar decided on saud, adding, giving Nocar

eral charities to Nocar to decide Tekna. He suggested the group emy student and a member of an Orange Park Christian Acadvided. Bastord's son, Jack, was on how her estate would be ditative, Basford presented sevas a possible recipient. As Nocar's personal represen-

"When she found out about



students have

bioreactor the display a

Sarah Snow

Eccles and Deborah Jackson, Jillian ninth-graders **Urange Park**

le to cel and Cla get son do th ommer

Academy Christian

built to test

the effect of

MARY MARAGHY/staff

linghous.

neir

g the cen lebration 3 carnive

cell growth. space on bone

knew she wanted to give to Tekna," Alice Basford said. "She loved the idea of children being those kids doing research, she said.

rheumatoid arthritis, Basford County about eight years, suffered from osteoporosis and Nocar, who lived in Clay

> seed money, and our goal is to up in space," Simmons said get a bioreactor in space. It's ery expensive to get a program "This is an extension of our

(904) 278-9487, extension 11 deborah.cearnal@jacksonville.com

> available said. Acreet dance

aging the citizens ite, Hayes ngs ended in] venue t, Garlingvoice for s associave Springs ming seswere inl ran wi

the gam But plar at Rev Center one par Gree 2005 0 called th ders hav Jacksor interna s the res st in ear uston. A or mo hat year cely to do es said.

tic now,