



Student protest

Members of Students Against Apartheid march across campus Friday afternoon to protest A&M System investments in companies that con-

duct business in South Africa. The group marched from Rudder Fountain to College Station City Hall.

Photo by Kathy Haveman

Super collider should create new technology

DALLAS (AP) — Scientists believe many technologies will spin off from the multibillion dollar superconducting "super collider," including benefits in medical diagnosis and in the battle against fruit flies.

"We have to know how matter works in order to make progress in understanding how everything else works," Austin Gleeson, chairman of the physics department at the University of Texas, said. "If we don't keep making progress on those frontiers, knowledge stops."

If the super collider receives federal funding and is built in Ellis County some 30 miles south of Dallas, thousands of jobs will be created.

But the project already has yielded several benefits, including better ways to kill fruit flies and to detect human illnesses. Scientists involved in the groundwork for the project say they expect the super collider will pave the way for unheard-of marvels.

"Roll your thoughts back about 100 years," Texas A&M physicist Peter McIntyre said. "The progress of science and technology that has

defined the fabric of our civilization has been paced by a quest for understanding the basic building blocks of matter."

"The casual sequence of events that leads from a high-brow theorist through the point of an inventor who makes a better mousetrap is driven on the front end by the understanding of the fundamental things," he said.

The construction alone will require development of hundreds of technologies that can be applied to other fields, K.W. Chen, director for accelerator science and technology at the University of Texas at Arlington, said.

Just as the moon missions brought such seemingly unrelated scientific discoveries as non-stick cooking surfaces and heart pacemakers, McIntyre said the first work on the super-conductor at the Texas Accelerator Center near Houston already has yielded technologies that seem to have little connection to quarks and protons.

McIntyre suggests that by the time the super collider is operating, perhaps 10 years from now, the annual sales from spinoff technology ought to be in the billions of dollars.

Scientists at the center, a collaborative effort of nine universities, already have:

- Developed supermagnets used in a medical technique called magnetic resonance imaging, which gives physicians "a 3-D road map of your insides," McIntyre said.

- Fabricated a small X-ray device that will quickly and safely kill fruit flies. The device could end quarantines that have cost growers millions of dollars and could be used to kill bacteria on chickens, oysters and shrimp.

The super collider itself will be a major invention: a super-powerful microscope through which some of the universe's smallest elements can be seen.

Harris County jail consultant, investor linked

HOUSTON (AP) — A consultant who was hired to evaluate multimillion-dollar proposals for a new Harris County jail had business connections with a wealthy backer of the firm that eventually won the jail contract.

The connections between the consultant Faye Sarofim, a Houston money manager, and the contracted firm, Facilities Development Group, seemed to be a surprise to the people who made the final contract decision.

Two commissioners, the county attorney and county treasurer all said the connection between the consultant Brown & Root USA Inc. and

Sarofim, a key investor in FDG, should have been discussed publicly beforehand.

Three Harris County commissioners, however, told the *Houston Post* they were not aware of those business ties before awarding the jail bid to Facilities Development Group.

County Attorney Mike Driscoll said, "If there's no direct conflict, there's the appearance of conflict. When we're relying on a company to evaluate, I think an involvement of this sort is close enough that it needs to be disclosed."

Two other commissioners said the connection between Sarofim and Brown & Root was too distant to be a

conflict of interest, even though Sarofim's investment firm handles millions of dollars in pension investments for Brown & Root and its parent company, the Halliburton Co.

Managers for FDG also bristled at any suggestion of conflict of interest in the jail selection process. Company officials say Sarofim is a passive investor and that they, too, never knew of any connection with Brown & Root.

Richard Knight, FDG's chairman, said, "You're telling me something — I never knew that."

Polarized reaction to questions about Sarofim's firm and Brown &

Root may reflect the lengthy, bitter controversy that has accompanied FDG's proposal to convert a 60-year-old warehouse on the banks of Buffalo Bayou into a 4,200-inmate jail.

Deadlocked early this year in attempts to choose among the FDG proposal and two others, the Commissioners Court hired Brown & Root to provide an outside view of the jail bids.

Brown & Root reported that a \$76 million proposal submitted by FDG was, among other things, the most cost-effective of the three.

In May, the commissioners gave FDG the jail project.

Sarofim's investment firm, Faye Sarofim & Co., is a limited partner in the City Partnership, which owns FDG.

Sarofim's firm is one of several money managers that each handle tens of millions of dollars in pension funds for Brown & Root and its parent firm, the Halliburton Co.

Sarofim also is married to Louisa Stude Sarofim, an adopted daughter of Herman Brown, one of the legendary founders of Brown & Root. Brown & Root was purchased by Halliburton shortly after Herman Brown died in 1962.

1988 Christmas Workshops

Deck the Halls

- Bread Dough Ornaments**
Mon, Nov 28 6-9pm
Tues, Dec 6 6-9pm \$12
- Etched Glass Ornaments**
Tues, Nov 29 6-9pm
Mon, Dec 5 6-9pm \$12
- Stained Glass Ornaments**
Mon, Nov 28 6-9pm
Tues, Dec 6 6-9pm \$12
- Quilted Star Ornaments**
Tues, Dec 6 6-9pm \$12
- Cross Stitch Ornaments**
Tues, Nov 29 6-9pm \$12
- Christmas Stockings**
Mon, Dec 5 6-9pm \$16
- Cornhusk Wreaths**
Tues, Nov 29 6-9pm \$15
- Pinecone Wreaths**
Wed, Dec 6 6-9pm \$20
- Grapevine Wreaths**
Thurs, Dec 8 6-9pm \$18
- Natural Nut Wreaths**
Thurs, Dec 8 6-9pm \$18
- Gift Wrapping & Bow Making**
Wed, Nov 30 6-9pm \$12
- Ukrainian Eggs**
Wed, Dec 7 6-9pm \$14

Registration Begins Nov 14th 10am
Phone Registration Begins Nov 15th 10am

Yuletide Yummies

- Cookies, Cookies, Cookies**
Wed, Dec 7 6-9pm \$16
- Cookie Bouquets**
Tues, Dec 6 6-9:30pm \$18
- Edible Greeting Cards**
Wed, Dec 7 6-9pm \$16
- Fantasy Fudge & Butter Toffee**
Tues, Nov 29 7-9pm \$18
- Peanut Brittle & Coconut Clusters**
Wed, Nov 30 6-9pm \$16
- Danish Christmas Bread**
Mon, Nov 28 6-9pm \$16
- Gingerbread Houses**
Mon, Dec 5 6-9pm \$25
- Family Gingerbread Houses**
Thurs, Dec 8 5-8pm \$25
- Gingerbread Men**
Tues, Nov 29 6-9pm \$14
- Cajun Cookin' Experience**
Mon, Dec 5 6-9pm \$28
- Tamales and Tortillas**
Thurs, Dec 8 6-9:30pm \$24

Santas Workshop

- Woven Market Baskets**
Tues, Dec 6 6-9pm \$17
- Christmas Potpourri**
Mon, Nov 28 6-9pm \$16
- Computer Christmas Cards**
Tues, Nov 29 6-9pm \$12
- Calligraphy Christmas Cards**
Wed, Nov 30 6-9pm \$10
- Cross Stitch Welcome Mats**
Thurs, Dec 8 6-9pm \$12
- Hand-Painted T-Shirts**
Wed, Nov 30 6-9pm \$14
- Wooden Teddy Bears**
Mon, Nov 28 6-9pm \$16
- Cutting Boards**
Mon & Tues, Dec 5 & Dec 6 6-8pm \$16
- Toy Rocking Horses**
Wed, Nov 30 6-9pm \$16
- Stick Horses**
Tues, Nov 29 6-9pm \$14
- Picture Frames**
Wed, Dec 7 6-9pm \$14
- Holiday Magic**
Thurs, Dec 8 6-8pm \$8

Phone Registration
For just \$1 more, you may register for our classes by phone. Phone registration will begin on **Tuesday, Nov. 15th at 10 am.** Just have your VISA/Mastercard ready and call us at 409/845-1631 to register.

All supplies are included in the class fees. Register now and come enjoy yourself and create something special for this holiday season! Our classes are open to all eligible members of our community. Join us and handcraft your Christmas gifts this year!

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