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**Koresh Dance**  
presents **Come Together**



Thursday, April 9, 2015  
7 PM in Texas A&M  
Rudder Auditorium

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**QUIDDITCH**  
CONTINUED

three times her size.”

York said Barnett’s love for the sport always motivated her teammates.

“She loved the intensity of it,” York said. “We would see her tackling much bigger people and latch onto them as they dragged her across the field, just to get the ball from them.”

Trey Windon, Barnett’s teammate and boyfriend, said she was very different off the field.

“She was a kind person,” Windon said. “She was always friendly, she always wanted to help when she could, even though she would tackle you to the ground.”

Barnett’s dedication to the team was also felt off the pitch, and she stood out because of her character, Windon said.

“She was extremely loyal to everyone, especially her friends,” Windon said. “She saw the best

in everyone and just stuck with them no matter what.”

Ross said Barnett left a lasting impact on the team and in her teammates’ lives.

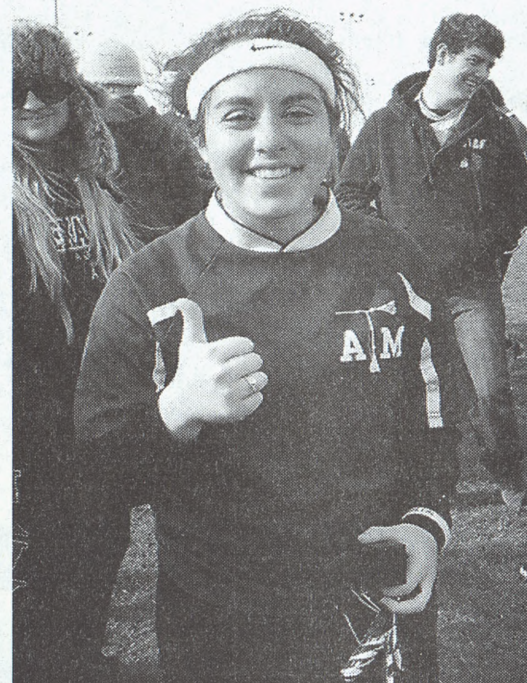
“She was always smiling,” Ross said. “She would always be so happy to see her friends, and her positive attitude definitely kept up the morale on the team.”

York said Barnett was always excited to be around the sport and her friends.

“She would be so excited to see her teammates,” York said. “She would run across the field when she saw you, just to see how you were doing.”

Windon said the officers felt retiring Barnett’s jersey number was a way for her to leave her legacy at A&M.

“It’s humbled all of us and taught us to appreciate what we have,” Windon said. “Karen was quite easily the sweetest, most sincere and genuine person I’ve ever met, and she embodied the true spirit of an Aggie.”



PROVIDED  
**Karen Barnett**, who played as a Chaser, will have her Quidditch jersey number retired.

**IJM CONTINUED**

Act. Unlike others in the past, Lowe said this one will make the United States a leader in the fight against slavery.

“It focuses on building upon the model that IJM uses to rescue people from oppression around the globe,” Sanders said. “It’s going to enable the U.S. to act as an agent of rescue and restoration. It provides funds and resources for the government to rescue people both in the U.S. and around the globe.”

In relation to the event, Landers said Stand For Freedom serves several goals — creating a petition asking Congress to pass the act and raising awareness of

human trafficking along with funds for IJM.

“Stand For Freedom is our biggest event of the spring semester,” Landers said. “The theme of the event is, ‘One Day for their Every Day,’ so we’re going to be out there for 24 hours, and the reason why we’re asking people to join us is because we’re a group of college students who want to see change in their lifetime.”

Sanders said Stand For Freedom is a movement that IJM started for campus chapters across the nation, and it is symbolic for people who cannot stand up for themselves. When the campaign started, Sanders said the purpose was to show students a day in the life of a modern slave, which is where the 24 hours comes in.

“It’s symbolic of us standing in their shoes for a day,” Sanders said.

Along with standing, the event will include time for prayer, worship and an MSC Coffee House concert with free donuts and coffee. There is also a time to sign the petition to pass the End Modern Slavery Initiative Act and to collect donations. The goal of the fundraiser, Sanders said, is to collect \$2,000.

“You don’t have to stand for all 24 hours,” Sanders said. “At our chapter, there is at least one person standing up, because it is physically impossible to stand for 24 hours.”

The Stand For Freedom event will be from 9:30 p.m. Wednesday to 9:30 p.m. Thursday in Rudder Plaza. Admission is free.

**OCEAN DRILLING**  
CONTINUED

Texas A&M’s branch of the IODP’s Library of Dirt is the only collection of its size in the nation.

Before the NSF gave the collection a boost in 1984, it began in 1966, when the NSF commissioned the Glomar Challenger, a drilling and coring ocean vessel, to collect deep-sea sediment. Now, thousands of rounded tubes of earth, microfossils and sediment line a giant refrigerator just inside the building.

Using the JOIDES Resolution, graduate students from A&M and researchers from around the world are able to drill earth cores from the ocean deep.

“IODP is all about looking at the history and structure of the earth using ocean drilling,” said Phil Rumford, superintendent of the Gulf Coast Repository and senior research associate at the IODP. “It’s a scientific program,

and it’s not designed for oil. It’s purely geological research.”

Rumford said there are three main types of deep ocean sediment that the JOIDES collects.

“There’s carbonate-rich sediment, siliceous and red clays,” Rumford said. “The siliceous stuff you get in areas of upwelling, in high energy environments where warm and cold waters meet. There are a lot of nutrients there, so you get a lot of siliceous microfossils accruing in those kind of environments.”

Every centimeter of dirt equals one year, approximately, and one tube can contain hundreds of thousands of years and microbes skeletons. Microbiologists are able to look at the changes in micro-species as they examine a tube. Geologists can see changes in sediment, such as the change from red clay to harder volcanic mass, to determine underwater currents and volcanic activity beneath the seafloor.

Microbiologists are able to see the makeup of the fossils and determine

how nutrient-rich a body of water was at any given time. Researchers are able to map nutrient flow by looking at the core and predicting what conditions that type of sediment would have formed under.

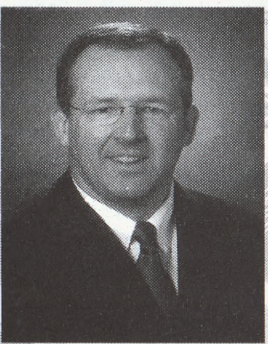
“Carbonate sediments are interesting because you get a lot of carbonate microfossils,” Rumford said. “When they settle onto the ocean floor, they create a carbonate compensation depth. Below the CCD carbonate doesn’t precipitate, it’s absorbed. Stuff like calcium carbonate is one of those weird things that is more soluble in cold water than it is in warm water.”

Malone said while researching the sediment, the scientists have to be careful not to contaminate it.

“We have to think about the fact that scientists later on might use this dirt for the same research topic or something completely different that nobody thought of 10 years later,” Malone said. “It’s a library of Earth’s history right there.”

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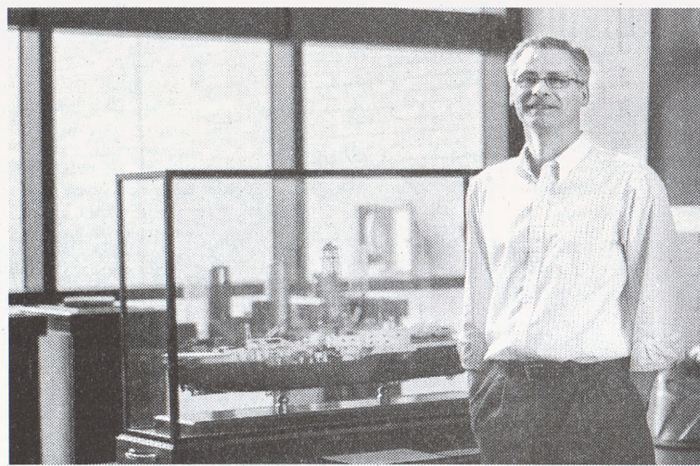
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Dr. Mitch Malone, Assistant director of science services and manager of science operations, stands next to a model of a ship that collects samples.



Lenae Allen — THE BATTALION

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Mark Doré, Editor in Chief

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