

Professor finds much cheaper fuel

By SAMANTHA MIHALKO
Staff Writer

While the rest of students and faculty continue to pay a minimum of \$2 per gallon at the pump, one teacher has found a way around that issue.

English professor Daniel Kelley makes biodiesel fuel at his barn in Columbia, Tenn. and for \$.50 per gallon.

According to Kelley, he utilizes used fryer oil from restaurants, which is what they cook your chicken nuggets and French fries in, and processes it into biodiesel fuel for his truck.

He said the process is relatively simple.

Mixing the used vegetable oil and lye among other ingredients in the proper proportions produces the fuel, he said.

After 20 hours of stirring, the oil separates and the unusable oil is left at the bottom, he added.

Being as there is no electricity at his barn, he improvised and now uses a drill with paint stirrers attached to do the 20 hour labor.

"It's not bad for the environment at all. It's all biodegradable and it uses all-natural products," Kelley said of this fuel.

He also added that it produces 90 percent fewer toxins than regular gasoline.

Kelley stressed the importance of biodiesel perhaps becoming a primary source of fuel.

"It's important because it's environmentally safe and you don't have to rely on another country for oil," he said.



Daniel Kelley / Special to the Settler

Material from this Biodiesel processor can also be used to make soap.

When Kelley first brought the idea to Sam Hill's Food & Spirits restaurant in Columbia, they thought it was interesting, but willing to help, he said.

Sam Hill's general manager Randy Speed said he thought Kelley's endeavor was "great" and that he'd "hate to throw anything away."

"We need to have more people like him," Speed added.

According to Kelley, some of the used oil cannot be used if there is too much water in it or if it gets overheated.

However, when it is good enough for use, he takes it home and "filters it through pantyhose" to get any solid objects out.

"It's not a fancy operation," Kelley said. "It's really quite simple...It's a totally homemade operation with junk and stuff."

Kelley first heard about this technology when a friend from college had built a processor.

He said he then bought a truck at a good price, and the experiments started from there.

He said the results entailed "only slop at first," but soon progressed into the fuel he uses today.

Kelley said his processor can make up to 10 gallons at a time, and his truck holds 13.

"I've actually had to stop collecting oil because I've run out of cans and buckets to put it in," he said.

AASU all set for Halloween Party

By WILL GREGORY
Staff Writer

The African American Student Union will be having their annual Halloween Party in the cafeteria from 6 p.m to 9 p.m.

There has been confusion as the official date of the event. In an email sent to student leaders, Dominique Evans, president of Association of Campus Events, stated that the event would be held on Saturday.

However, Evans later stated that the date was changed to Sunday due to Tennessee State University having their homecoming the same day, which she said might hurt the attendance turnout to this event.

When questioned afterwards, Evans said it would be Friday. Lovett told the Settler on Oct. 18 that the event was scheduled for Friday.

Ken Lovett, advisor for the club, said "the event has turned out to be a good event to bring kids out."

Evans stated that at the Halloween Party they will have games for all ages ranging from coloring to sack races as well food and music.

The event can also provide an alternative for parents who may not like their children going out of Halloween.

"Many parents do not like their kids going out on Halloween night due to some of the things that go on. This event provides a safe environment for everyone," Evans stated.

Lovett stated that he hopes that he hopes that the event will "bring many kids in the community out."

He also mentioned that he hopes this event will generate more involvement as he stated that "we are kind of light in terms of involvement right now."

Evans stated that one change from last year is the lack of including a Haunted House, due to the fact that damage was done to the structure.

She expressed that "last year we had a haunted ghouse but that did not go over so well."

The club also recently held a candy drive in order to have students and faculty to help with the event as well.

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