Bio-Diesel Grant

YEAR END REPORT

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The team was able to complete the project with-in the time line they set for themselves. The processor is completely automated and has been wired so that a programmable Logic Controller controls the process of making bio diesel. The student's have added a touch screen. This allowed them to eliminate manual push buttons to control the PLC and processor.

Students competed in the Society of Manufacturing Engineers National Robotics Challenge competition and finished in second place at the national level. Team standings:

- Green house 1st place (Nick F, Kyle J, Jonathan)
- Greenhouse award from the 80/20 company for best use of aluminum in the project structure. ($150)
- Greenhouse Honda AWARD FOR MOST INNOVATIVE PROJECT IN THEIR CLASS
- Sumo heavy weight class 1st place (Barry, Travis, Jack, Tyler)
- Sumo heavy weight class - Honda award for most innovative project in their class
- Bio-Diesel 2nd place
- Gm team 3rd place
- pick and place robot team 2nd place (Gary and Silas)
- Pick and place robot team 3rd place (Maraud and Louis)

The students next year will build the generator system that will run off of the bio-diesel to produce power to make the bio-diesel.