

# Biodiesel Initiative

- Student project to convert waste vegetable oils from dining halls to biodiesel for use in University fleet
- Conceived in fall of 2006
- Students designed reactor, pick up oil, and produce the fuel
- 80 gal batches – ramping up to 320 gal
- First 275 gals accepted in Oct' 09
- Est. annual production of 12,800 gals
- Funded by SSC
- Supported by the Illinois Sustainable Technology Center
- <http://biodiesel.illinois.edu/>



# Algae Sequestration and Biodiesel

- Abbott Power Plant flue gas to be used as feedstock for algal bioreactor system
- Biodiesel will be combined with other project
- Construction underway – completed by April
- ~60 gallons per year
  - May scale up

