

-On Wednesday July 16<sup>th</sup> the Cornell Center for a Sustainable Future (CCSF) will host lunch for a small group of faculty and post-docs to discuss research ideas related to the growth and use of algae as means to produce biofuel, see summary below. The lunch will be held from 12-1PM in room 300 in Rice Hall. Please RSVP to Paula Euvard at [pge3@cornell.edu](mailto:pge3@cornell.edu)

Sincerely,  
Beth Ahner, organizer

### Improving the Stability and Productivity of Algal Bioreactors for Biofuel Production

Large-scale algae production has the potential to provide a significant fraction of the liquid fuel market and many venture capital-funded companies are entering the arena. Algae production uses less water than traditional agriculture and does not displace food crops from arable land. Currently, very few companies producing algae are realizing profits and many of those are only doing so in secondary markets such as dietary supplements for humans and animals. In order to realize the great potential of algae for biofuels, the production systems must be made more robust, productive and predictable in order to ensure successful scale-up. Researchers at Cornell in biology, ecology and engineering could work collaboratively to solve some of these challenges.