**LED Meeting 10/6/09**

Bob Mathis- text for last minute meeting or quick answer- (502)966-4336

Bill O’Brien  
Kellly Lessard  
Shorty Schwartz  
John Ore  
Kira McEntire  
Molly O’Hara  
Nathan Shaw-Meadow  
Alexis Gette

* Pre-Proposal for Grant ($6,000-$7,000) Submitted
* Solar Panel, LED lights, Wind Turbine, money to pay students
* Goal is to make Heather Hall self sufficient, what it would take to power it by LEDs (maybe some fluorescents)
* Design Space- roof areas to house panels & turbines close to Heather Hall
* Find outside sources to come in and teach, help with design (i.e. from green party)  
  \*hidden or visible, which roof space worked best\* contact head of physical plant  
  \* Sustainable part of campus map, sub-committees could present to a meeting to staff (keep in mind)   
  \* Be weary of safety
* Physics Dept. has objects that monitor kilo-watt usage and measures current. Possibly use them to read and get a rough idea of output
* Created research teams:  
   🡪Energy Audit- Nathan, Shorty (logistics: equipment)  
  - Savings through lighting, and a/c due to loss of heat  
  🡪Solar- Molly and Kira  
  🡪Wind- (Turbine should become a piece of art, dynamic, project for design class) Bob, John  
  🡪LED- Alexis, John, Bill?  
  -replacement of bulbs (50-100 thousand hours) compared to incandescent fixtures  
  - Mood atrium is used as performance space but is limited due to electrical services (geometry, limited power) - could find fixtures to put in as a research area? Bob has money to work on project  
  -Cove also runs stage lights.  
  **Kelly will do research for any groups.**   
  \*Contact the patent member in Georgetown, TX \*
* Find new time for meeting Kelly send out email?
* Next meeting might address Energy Audits, bring in outside mentor/professional.