

UNC Green Labs
Meeting Agenda
Bondurant Rm. 4074
4/26/17

- ◆ Energy/RRR: VWR - finishing presentation (Nathan Spain)
 - ◆ Natural refrigerants are now available.
 - ◆ Stirling Ultracold -80 Freezer: no compressor, \$660 energy savings per freezer per year. Initial testing says that freezer doesn't come back to temp after warming fast enough. Stirling rep says that new model addresses this concern. Possible swap (not 1:1) for new freezer? Retail 12-13k.
 - VWR to offset purchase for buying this freezer? Proposed!
 - Maybe supplement with HB 1292 funds (will be in the form of project funds) from facilities & RESPC.
 - Also has data from hoods to give to facilities. Morehead chemistry hood overhaul - Labconco data.
- ◆ Energy: Facilities discussed using HB 1292 funds (savings from energy that can be allocated back into energy savings projects) to reinforce more sustainable behaviors from researchers. If money left in energy budget - these are the funds that are used. Can also get one-time funds if showing investment in energy savings projects.
- ◆ Energy: Green Guide checklist for casual audits
 - Put in Google form - Need volunteer - AMY DID IT!! WHOOHOO!
 - Send out to listserv for suggestions.
 - Possibly distribute to incoming graduate students at orientation. Table for GreenLabs.
 - GPSF is going to have more representation for sustainability committees next year.
- ◆ Energy: Meeting with RESPC? - Potentially in the future ask for money to print new posters. - RESPC - can possibly provide financial incentive for labs to replace equipment for more energy efficient ones (possibly tie into capstone).
- ◆ Recycle: Styrofoam, peanuts, plastic bags pickup by normal recycling rounds? - If requested, can get a bin for recycling plastic film and bags. Has to be delivered to OWRR or grocery store (or student union). 3-4 offices have currently requested these bins. If use increases, may want to come up with a distinctive bin (currently plain grey). Do not have capacity to do rounds to pick up bags with regular recycling, CURRENTLY. Scientific Supply at (or a little over) threshold for handling packing peanuts. The trailer in Aug for block styrofoam (not peanuts). Storage until that time is still an issue.
- ◆ Recycle: Garment recycling - Cathy & Amy & Nathan have been discussing this. Storage and logistical barriers to get to where need to be recycled. Once a week pickup from VWR? One giant shipment to the recycling facility. Once effort is in place, would be easier to lump in styrofoam with those pickups to help with storage. Everything except for gloves. Any garment type/brand is included.

- ◆ Energy: Capstone for Fall 2017 - David & C. Lebonville conversation pending. Brian Naess is coordinating capstones for Fall. David tends to do off-campus. Perhaps Brian is a better contact? Final capstone presentations and reports are available online. Christina expressed interest in serving the mentor role once the capstone is in motion but that the proposal should be composed by members of Green Labs. Perhaps build on Grace's work. Cindy Register has some great ideas on having a tangible energy impact.
- ◆ Energy: Energy intern student Grace Yi.

Next meeting: May 24th, 10-11am Location: Bondurant 4074

Attendees:

Christina L., Nathan Spain (VWR), Obie St. George, Cindy Register, Cindy Shea, Amy Preble.