

**UNC Green Labs**  
**Meeting Agenda**  
**Bondurant Rm. 4076**  
**11/30/16**

❖ Energy: Capstone for Fall 2017 - Capstone course around an energy audit. Curriculum for Environment and Ecology - David Salvesen. Cathy can advise on which labs are representative. Energy has a PM program going on with Freezers. Cindy has a student working on plug load within a single lab and figuring out capital gains from certain interventions. Paul Matthews part of federal effort to regulate/recommend energy efficient lab equipment. UXF Freezers have been recommended on Obie's end.

➤ Find partner labs/buildings. - Talk to lab first and then move up. Marsico & Genetic Medicine Genome Sciences for location. Have fume hood data in the new buildings that could be audited and analyzed. Best practices - Todd recommended filling empty space with plastic bottles  $\frac{3}{4}$  filled with water (freeze at -20 first). Also cold packs.

➤ Residual Current & Plug load - best practices? Maybe measure common lab equipment (check out Boulder and Santa Barbara)

➤ What can we do now and what should we save for the students in the Spring?

❖ ReduceReuseRecycle: Promotions

➤ Glass waste

■ Greenlabs and Cathy's newsletter could talk about it for promotion.

■ Have the option to take out the box yourself

■ Educational campaign to make people aware of the consequences of overfilling.

■ Medium ones fit well under benches.

■ You can use ANY cardboard box lined with a trashbag. Tape and put glass waste.

■ Glass repair is an option too!! Matt knows guy in chemistry. Takes a week, pretty affordable. Here on Thursdays.

■ Procurement - suggest to Thermo storeroom to pass out informational flyers (so it comes from higher up).

■ CL to test out and come up with price comparison.

■ Safety recommendations - what kind of contamination (talk to EHS about biggest concerns).

■ Large reagent glass bottle recycling - verification of how they need to be recycled!

Inside or outside??

➤ Pipet box recycling awareness campaign?

➤ Resistance to inserts from storeroom. Worth going after?

➤ Todd O'Buckley - Lab Equipment Share/ Inventory

■ In the directory: Lab Equipment Assistance Procurement, leap@[unc.edu](mailto:unc.edu);

■ Anyone with UNC email can join.

■ For lyris listserv, find and subscribe by labequipmentassistanceprocurement.

- Not tagged and tracked no requirements.
- Use transfer form for tagged things.
- Expand to non-lab supplies?
- Procurement office: Maybe talk to them about defaults or preferred practices.
- Styrofoam boxes to the Vector Core (out through email only?)
  - Big coolers at quota.
  - Med and small, can take.
  - Matt to be contact person. Email [msmith5@med.unc.edu](mailto:msmith5@med.unc.edu).
  - FYI - packing peanuts recyclable (LINK) - get promotional materials to Amy to get these on the GreenLabs page as well as through communications for facilities.
  - FYI - Plastic film also recyclable (LINK) - Student Union, EHS office, Grocery stores.

❖ Energy: Green Guide checklist for casual audits

- Nita will do gap analysis for her lab (Chemistry).
- Christina has analysis for Davie Hall labs.
- ❖ Energy: Meeting with RESPC to get ideas about next project or an energy audit -
  - Might be doing prep and purchasing guide to get ready for the capstone.
- ❖ Energy: Toolkit partnership with NIEHS
  - Trisha Castranio, Program Analyst, Global Environmental Health Program, National Institute of Environmental Health Sciences (NIEHS)
    - Would like: University perspective - size, politics,
    - Kit: research preservation, does it have to happen in multiple spaces, what are the vulnerabilities of your space, people, research. Audit by GreenLabs.
    - Objective - get EHS to do an official audit but need a clear objective and approval etc.

Durham City - good sustainability resources!!

Google form - The sustainability checklist

I2SL - resources for labs (Trisha is part of!)

Next meeting: Mon Jan, 23rd 2016- Bondurant 3076

**Attendees:**

Christina L., Cindy Shea, Obie St. George, Jayne B., Olivia, Matt Smith, JP Rippe (GPSF), Cindy Register, Todd O'buckley, Catja Vanheusden, Hadley Hartwell,