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 ¾ 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;
  ■ 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.
- 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,