

# UNC Green Labs

Meeting Agenda  
Bondurant Rm. 3076  
7/25/16

- Energy: Lab computers - Update: Spoke to Rob from OASIS and he says we might be able to make some changes without having to get the word out. There are centralized rules that they can control by group. So we should come up with a list of the things we'd like to implement, run it by them, then maybe see if there are specific groups we want to target or make sure are exempt; OASIS is just for Arts and Sciences. Should we speak to others? Maybe start with OASIS and expand once savings are measured? Invite Rob to Aug GreenLabs.
- Energy: Stirling freezer— Ran into Britt and they have a Thermo freezer that they are testing now that they think is just as efficient as the Stirling. **Jessica O'Hara is going to provide more information to the committee.**
- Energy: Shut the sash competition in the Fall - Jessica O'Hara--**Obie St. George works for Energy Mgmt. now, and Jessica hopes he can spearhead this. She is going to try and get him to come to the next meeting. Cindy Register is the new Energy Manager, who will be starting soon.**
- Energy: Cindy Shea posters - Capstone course around an energy audit. David Salvesen is interested. Shooting for the 2017 Spring semester when Christina can serve as a mentor. Also have fume hood data in the new buildings that could be audited and analyzed. Partner with labs, gather data. Have energy meters. Learning objectives. Old vs. new for budgetary reasoning. Once figure this part out, find partner labs/buildings. Goal by Aug to have a draft.; David can float the idea with other capstone course instructors to see if anyone else is interested. The problem with the Spring is that it is supposed to be focused on a field site (so this doesn't adapt to that goal as well). David McNelis teaching a capstone related to energy use. Might be right up his alley. David will talk to him first. Cindy suggested to make it relevant to other labs in RTP. EPA and NIEHS has done a lot of energy reworking - fume hoods, etc. Talk to someone there. Christina will talk to some people at NIEHS. Cathy will talk to EPA.
- ReduceReuseRecycle: Glass waste issues— Cathy could get out the word about overfilling and working out the best way to do that about the medium sized boxes. We should try one out first!! Greenlabs and Cathy's newsletter could talk about it for promotion. Also have the option to take out the box yourself? Possibly an educational campaign to make people aware of the consequences of overfilling. See if CCCG knows anyone who would volunteer to be on a poster helping to add a face to the problem - update: Have been speaking to Vickie from housekeeping and she agrees that it is a serious concern. She mentioned big plastic bins that are used on the

medical campus? Maybe not same thing. Hospital has their own housekeeping. Do they say “autoclave”? Medium ones fit well under benches. You can use ANY cardboard box lined with a trashbag. Tape and put glass waste. Put this on the informational posters or whatever. Most people also aren’t aware that housekeeping just takes it to the trash.

- ReduceReuseRecycle: Glove recycling - Other interested labs? Kimberly Clark gave her an award, and a lot products -- funding for shipping? Nita- # of gloves, cost of shipping Dakota- partnering with other labs possibly for collective shipping. Need data to help look at whether a higher level might be able to work out a better shipping option. VWR- has sustainability initiative. Talk to sales reps from these companies to see if something like pipet box recycling or glove recycling would be of interest to Fisher or VWR. Can we get avoided costs of disposal data? Per ton cost of these waste streams, manufacturing costs, recycling costs. Lifecycle analyses of pipet boxes or gloves? (Okay this section is getting out of hand - who wants to take on one of these tasks?) - We’re going to remove this. It’s just a mess and there are no interested parties. Nita, we can put this back on when you come back :)
- ReduceReuseRecycle: Pipet box recycling awareness campaign? - Partly through Graduate Orientation. Maybe also through the storeroom and inserts that go into boxes.1) Make something, 2) Contact at the storeroom (Amy knows someone and will contact). Two points of awareness: Can be recycled. Can be recycled with cans and bottles! At graduate orientation, will hand out original posters and highlight the pipet boxes part. - Amy has contacted David Anderson in the Fisher Scientific supply storeroom. There was some reluctance and it would need to be approved by some higher-ups so we should talk about whether we think it is worth it to pursue.
- ReduceReuseRecycle: Styrofoam boxes to the Vector Core & Gearing up for Recycling in Aug - Big coolers at quota. Med and small, can take. Matt to be contact person. Email [msmith5@med.unc.edu](mailto:msmith5@med.unc.edu). Christina will send out to NLAC. - Christina is drafting a succinct version of the Vector cooler needs from Matt. The flyer for styrofoam recycling is here! Post everywhere!
- Energy: Green Guide checklist - has been put online. Nita will do gap analysis for her lab (Chemistry). Someone from School of Medicine and Lineberger - have we heard back from them? ; No updates. Table till Nita can come. Christina will try to get Davie labs to do the gap analysis too. Amy will send Christina link.
- Energy, RRR: Virtual Green Lab Project! - Kristin’s project; based off of Green Guide and working with Nita.; On pause right now. Working on sustainability videos. Based off of green virtual dorm room. On sustainability website under resources. [go.unc.edu/greenroom](http://go.unc.edu/greenroom)
- Energy: Meeting with RESPC to get ideas about next project or an energy audit - Tabled till Fall

- Energy: Freezer preventative maintenance disconnect? - Update; Will probably be changing how freezers are alarmed (the monitored ones). Looking into outsourcing alarming of freezers outside of public safety. May write a policy for preventive maintenance. Pay for a monitoring service - issues with it. So might be good if you are looking into that right now to wait until everything settles.
- Energy: Residual Current - best practices? Maybe measure common lab equipment (check out Boulder and Santa Barbara) - Still do this. Combine with earlier goal? What can we do now and what should we save for the students in the Spring? Small equipment can be on strips but not large equipment. Should and should not be on strips? Encourage use of strips for the equipment that can be. (Combine into strategy for capstone).
- NLAC (**Network of Lab Animal Coordinators**) meeting - July 26th meeting (free pizza!!). In Bioinformatics auditorium 12:30-2:30pm To drop in to talk about Green Labs. Talk to Rhiannon and Todd about getting on the agenda. Matt volunteered to go and bring the posters. Amy will mail Matt the posters CB#7352. **Jessica is sending interns to pick up Best Practices Guides to deliver to Matt to bring to presentation.**
- Todd O'Buckley - Lab Equipment Share/ Inventory- In the directory: Lab Equipment Assistance Procurement, leap@unc.edu; anyone with UNC email can join. For lyrics listserv, find and subscribe by labequipmentassistanceprocurement. Only people who know about it now are DLAM medical school side. Sharing equipment before getting to Surplus. Sometimes necessary to intercept before Surplus due to sensitive equipment. Email based. Must be UNC emails. As long as it's not tagged and tracked. How do we spread the word?? Possibly expand to non-lab supplies? Christina will talk to Todd about other materials. Then sustainability could spread the word. Procurement office: new blood. Maybe talk to them about defaults or preferred practices. Beau?
- To share- "Making the Workplace More Sustainable" Sept. 27 & 29, 8:30-12:30am, AOB. Sign up via HR development, search for "Workplace 1."
- Christina has some lab audit worksheets filled out that she'll bring to the Aug meeting.

Next meeting: Aug 22nd, 2016--**can we have it in this room next time? Room is great!**

**Attendees: Amy, Matt, Jessica**