Announcements

- ABRF Membership and Annual Meeting
- Comprehensive Insurance for Equipment
- Fall RFA, Flex Funding and Pilot “Voucher” Programs
- iLab Updates
- Cooperation vs. competition
- UNC-W Internal Rates

- Green Labs Certification Program – Cindy Shea, Sustainability Director

- Research at UNC – Andy Johns, Sr. Assoc. Vice Chancellor for Research
ABRF Membership and Annual Meeting

- Office of Research Technologies will sponsor an academic ABRF membership for 2020.
- Annual memberships will be $50 each and CFAC will pay for these – please sign up to let us know you wish to join ABRF.
- ABRF Annual Meeting is Feb. 29 – March 3, Palm Springs CA, “Empowering Team Science” – please consider attending and presenting a poster.
Insurance for Core Equipment

- Annual Planning Survey included full accounting of equipment in your cores
- List is being compiled and will be provided to Risk Management Services as support for negotiating better rates on All-Risk insurance, which is comprehensive
- Plan to have this in place for FY21
Fall RFA, Flex Funding and Pilot “Voucher” Programs

- Fall RFA Process – 14 requests funded/partially funded at $456K
- Flex Funding is available to cores for continuing education, team building, certifications, hosting seminar speakers, etc. – *send requests to Annabelle*
- Pilot “Voucher” Program – RFA distribution 11/14, applications due 01/06
  - New method development
  - Generation of pilot data for new grant
  - New user of your core
  - $10,000 core voucher. Must be used in SOM core. Applicants can be any rank, from any department
iLab Updates

- Credit card module has been approved. Should be fully implemented by end of year.
- Current number of cores using iLab is 20 with 3 more cores pending final review.
- CFAC/OOR/OVCR and other units cover costs of iLab for cores and will continue to do so.
- Purchased 30 licenses – 7 more to fill.
Cooperation versus Competition

- Overlap of facilities
- Integration of services
- Coordination between cores

Schedule facilitated core director meetings (to include faculty directors) of cores that share similar equipment/expertise? Goal is to foster collaboration and ensure best service for customer base.
The agreement put in place last October has been renewed through August 2020.

UNC-W investigators (or cores) can continue to utilize UNC-CH cores at the “internal” rate.
Green Labs Certification Program
CINDY SHEA – SUSTAINABILITY DIRECTOR
CATHARINA VAN HEUSDEN AND NICOLE PARSLEY – CO-CHAIRS, GREEN LABS COMMITTEE
What We’ll Cover

- Intro
- Purpose
- Partners
- Background
- Freezer Challenge
- Freezer Rebate
- Recycling Programs
- Green Lab Certification
- Plans for the Future
- Discussion
Purpose

“UNC Green Labs works with all members of the UNC community — researchers, lab managers, P.I.s, building managers, students, staff, faculty, and administration — to encourage sustainable practices and promote awareness of green issues in UNC’s laboratories.”
Why: Impact
Background

- **Energy Use** – air changes per hour, fume hoods, ultralow freezers, anything with a plug
- **Water Use** – autoclaves, glass washing, aspirators
- **Waste Production** – hazards, plastics, foam
- **Purchases** – Energy Star, ACT, onsite availability?
- **Behavior** - knowledge, activities, protocols
Partners

- **University-affiliated partners**: EHS, Energy Management, Lab Managers, Research Technicians, Graduate Students, OWRR, RESPC, Sustainability Office, Three Zeros Team, Undergraduate Interns

- You!

- **Non-university partners**: VWR International, Fisher Scientific, Genesee, My Green Lab, Peer Campuses, MilliporeSigma
Green Labs Committee

- Quarterly meetings and presentations
- Green Labs at Carolina: A Best Practices Guide
- Newsletter
Freezer Challenge

- Best Freezer Practices - Collaboration with Energy Services, Facilities, Three Zeros, GPSF, VWR, My Green Lab

- 74 labs in total (about 20% of the IFC)

- 4th place internationally
Efficient Freezer Rebate Program

• Rebate – 35%
• 28 ULFs, $125,000 from RESPC; quarterly tranches

http://respc.web.unc.edu/efficient-freezer-rebate-program/
Recycling Programs

- Nitrile glove recycling in collaboration with VWR and Kimberly Clark
- Plastic film recycling, Styrofoam cooler, and freezer gel pack takeback in collaboration with Fisher Scientific, Genesee, MilliporeSigma
- Pipette tip boxes, plastic flasks
- 5 gallon metal drums, glass solvent bottles
- Garment recycling in chemistry teaching labs with VWR
Plans for the Future

- **Green Labs Certification**
- Increased departmental collaboration
- Equipment Inventory – sharing opportunities?
- Styrofoam recycling program
- More garment recycling
Project Goals

• Produce Green Labs Certification criteria with an emphasis on impact and convenience

• Raise awareness of best Green Labs practices among laboratory staff

• Reduce energy and water use and waste produced by campus labs
Recruiting for developing a green labs certification program

- Connect lab managers and researchers with existing programs and resources
- Focus on specific actions? Or percent participation?
- Make convenient and ease barriers to participation
- What makes people care and want to be involved?
- Best practices - UNC? Elsewhere? Lunch and Learns?
- Competitions? Onsite walk throughs?
Questions/Comments

UNC Green Labs Resources

http://uncgreenlabs.web.unc.edu/

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