

Student Sustainability Task Force

Agenda

2/23/2016

Meeting time Tuesday 6-7 Phalanx room



Attendance

T-shirts (2 minutes)

- Stefan's design
- [Sizes](#)

Water Bottles

- Water Bottles \$10/each
- If 80% of SSTF buys them, our names will be on them!

Elections (20 minutes)

- Vote of hands or ballots?
- Vice Chair
 - No candidate, still seeking volunteers?
- Treasurer
 - Asia
 - Votes For: 8
 - Votes Against: 0
 - Abstains: 0
- Social Media Coordinator
 - Stefan
 - Votes for: 8
 - Votes Against: 0
 - Abstains: 0
- Earth Week Representative
 - Nomination for Kay Sun

Upcoming Events (2 minutes)

- Earth Week Planning Committee (hosted by Kim) Wednesday Feb 24 1pm Sage 5711
 - If cannot attend send input to Kim
 - Kiani & Shibs working on organizing better (Earth Week Representative System)
- March 9th (10:30-3:30pm) SEP Environmental Career Fair in Biotech
 - Meet Wednesdays at 8pm Union 2424
 - If have contacts/want to help out get in touch rpisepemail@gmail.com
 - Great for resume & awesome experience

- [Student Registration](#)
- [Environmental Consortium Annual Student Summit](#)– Friday April 15 at Pace University Pleasantville, NY
 - Free! Includes lunch
- Earth Week – April 16th-23th

March 4th at Stu's house with other Environmental Groups

- Networking/learn more about Alpine Solar and other equip
- 6:30-7 See his equipment in operation/learn about mechanical stuff
- 7-8pm Go swim at Stu's pool! (net energy positive)
- Send him an email as an RSVP
- Its an hour and a half away

Recent past events [5 minutes]

- Sat Feb 20 [Winter Carnival](#) at ECAV from 11am-3pm
- Eco-Spa Day

Club Updates[2 minutes]

- SEP
 - Next meeting Wednesday 8-9 Union 2424
 - Eco-Kids Night Out – Academy Hall (date TBD)
 - Volunteer opportunity to teach kids about the environment, talk to Ray, Ayo or Morgan to sign up
- Terra Café
 - Next lunch tomorrow Wed – stuffed peppers
 - Tips goes to Crows
 - Volunteer 2 hours for free lunch
 - Training—contact Natalie Yap
- Ecologic
 - Meets Friday 4:30-5:30 in EEC
 - Working on organizing EarthFest (during Earth Week Friday April 22)
- Green Greeks
- ESW
- EWB

New Business (1 min)

- Eco Podcast contact Amelia or Stefan if interested!
 - Will be recording Wednesday nights, or weekend afternoons at WRPI
- Earth Week (Segway into Activity)

Activity: Brainstorm [15 minutes]

- Urban Gardening
 - Sharing info

- Mineral sequestering?
- List/contact for local stuff
- NSBE/PCI
 - Workshop
 - Water irrigation/runoff
- Jessica Onion(?)
 - Plant stuff!/workshops!
- Upcycling workshop
- Provide water use info
- Sodexo Partnership
 - Food Source maps

GRF and SSTF Projects [20 minutes overview & updates, work on projects 30-60 min]

- Dan any updates/comments on GRF or Computer Program?
- Overview & Updates of projects
 - Sodexo (SSTF) – Erica give update
 - Microgreens—sodexo was very receptive, positive about implementing it
 - When up & running, help growing & harvesting
 - Food sourcing
 - Still waiting for them to get back to us
 - Self Serve at Sage
 - Has actually decreased food waste
 - Going to advertise a taste portion
 - Maybe can get the farmers market up here for earth week
 - Weigh the Waste events
 - To-GO meals
 - They do have reusable bags, might try them up here
 - Produce in fathers
 - May happen by spring break
 - WE should MAKE A SURVEY to determine what students want
 - Contact info in the Senate
 - Want to go to earth week meeting
 - Water Efficiency/Run-off Plan (SSTF) – Sherese
 - 2 ideas for each member of group
 - Rain garden
 - Roof top garden
 - Aquaponics
 - Solar Power Water Heater (GRF) – Jeremy Moxey give update
 - Stu
 - Will need information about which building is a good candidate for solar water heating (used year round)
 - Summer arch program will make every building used more
 - Find buildings heated by electric water heated tank, or other inefficient

- RHAP A's are each individual electric water heaters
 - Could be a good candidate
 - Most of the buildings are fed from the central steam plant
 - One on Sage ave, on on Peoples
 - Could add sun energy there, but
 - Delts put in a thermal heater apparently
 - Should begin a list of where their heating & hot water come from
 - Remove places in locations that don't receive sun
 - Quad has Slate & Copper roofs, so would not be good candidate
 - **Sodexo Plans for a big expansion in the freshman dining hall (???)**
 - Brykwyk might be an option, they use gas to heat
 - Central tank
 - Just summer occupation might be much lower
 - Stu can provide how many BTUs per collector
 - Can estimate potential price savings
 - SSTF has a grant that can contribute, and we're trying to find more that will count
 - Steve can come up with buildings that are good candidates
 - Provide KW hours of energy used by each building
 - From that Stu can provide estimates for costs
 - After this, economic analysis would be necessary
 - Mueller Center/Armory has its own boiler/gas hot water heater
 - This could be a good candidate
 - Especially with the swimming pool—lotsa energy to heat
 - Heat is for swimming pool and for hot water heat, but not connected to domestic hot water
 - For Domestic hot water, larger demand for thermal energy
 - Steam plant is very efficient already, makes less sense to look at buildings relying on this
 - Flat roof & collector – need to keep in mind it can become a snowfence and incur a lot of snow-weight on the roof
 - Need to have a water tank as well to store the water/thermal energy at night
- Potentially generate annual reports – look at other schools & our past sust. reports
 - For any emails regarding projects, CC Dan/Kiani so we're on the same page
 - **Proposal writing guide** under the old GRF info [HERE](#)
- (30-60 minutes) Break into Project Groups and work on project (as long as leads want to) or ask Stu questions

Water – Asia, Sofia, Sherese

Solar water heater – Stefan, Marycate

Action Items	
Everyone	
Kiani	Mural Contact EWB, Green Greeks for Representatives
Kay, Asia, Paige	
Erica	
Amelia	
Stefan	Share design to Ecologic Members, Elizabeth, & SSTF (email and add to sheet)
Dan	Get in touch with GRF leads