

## Green Action Fund | Meeting Minutes

Thursday, April 4, 2019

Start Time: 9:09am

**Committee Attendees:** Linda Kogan, Annabelle Nippe, Arielle Rivero, Tyler Wendtland, Margo Pengilly, Kyla McLean

**Non-voting:** Kimberly Reeves, Craig Olson, Brandon Bishop

**Excused:** Jeff Spicher, Brandon Goldstein, Maria Mullins, Jacob Bostick

**Guests:** Luke Petersen

### Presentation 1: Luke Petersen – Native Bat Habitat

- Wildlife habitat intern – maintain NWF certification
- Where? Sustainability Demonstration House
- What? Bat house, guzzler, DIY kits, mount, signage
- Why? Increase support for pollinators, support diverse ecosystem on campus, educate students and campus community, colony collapses due to spotted nose disease

### Questions:

- Describe workshop?
  - o Smaller sizes with multiple session including educational material
- What is the NWF certification?
  - o Homeowners can apply to the National Wildlife Federation Wildlife Habitat Certification, which actively provides habitat, nesting, water source and food source in your yard
- What is the density of bats in CO?
  - o They are migratory species, but once they find a home, they'll come back. Could take a few years to attract the first colony of bats
- Describe a guzzler?
  - o Evaporation is reduced and these are used across the west by natural resource departments
- Placement of bat house?
  - o Yes, researched specifics of what bats prefer
- Limited human interaction; web cam?
  - o Maybe, but better to view the inside of the house annually during cleaning
- Talked to any experts?
  - o No, but willing
- Contacted clubs on campus?
  - o No, but willing. EHS has been contacted and writing protocol with Brandon Bishop (intern advisor)
- CO State Extension?
  - o No, but willing to contact Whitney Cranshaw
- What kinds of bugs do they eat?
  - o Lots of different types including mosquitoes

### Presentation 2: Brandon Bishop on behalf of Matt Augustine - Tree Mapping & Air Quality

- What? Tree canopy mapping, research, GIS – Tree Campus USA, air quality research/monitoring, ozone garden, NCAR partnership- citizen science
- Why? National push for air quality research, cohesive, outdoor 'makers space' for students, learning laboratory, tree tours, tree cookies, compare with historical data and air quality
- Where? Sustainability Demonstration House

### Questions:

- GIS from dept?

- yes, received two accounts to use at the Sustainability Demonstration House
- KFL air quality partnership?
  - KFL machines are monitor indoor air quality and are not the same devices
- Where will the tree cookie be located?
  - Outside on the path near the ozone garden
- Will there be a map?
  - Yes, it will be accessible on the UCCS website and mobile
- Where will the air quality device be located?
  - Sustainability Demonstration House
- Difference between to the two proposed devices?
  - More expensive measures more and is more user friendly, but will go with less expensive due to \$50 monthly fee
- Will this pathway and air quality monitor give us ideas of how to combat climate change or just inform us about existing conditions?
  - Yes, signage and increase internships
- How long will this project take and who is doing the work?
  - Matt Augustine is taking a GES professional experience course and will work on it this summer. The rest of the work will be complete within three years (tree canopy is very large).
- Will you connect with classes?
  - Yes, already reached out to GES professor who research climate change and tree cores.

#### Discussion – Bat Houses:

- Qualifications: marketing, EHS statement, more student involvement, concrete plan for DIY bat houses, expert for final location, increase traffic and track, reduce cost (price of signs), reach out to faculty and community, conversation with Farm, plan Sustainable Living Series workshop, tour for GAF members
- Final Qualifications:
  - Try to reduce price of signs
  - Reach out to faculty and community to partner
  - Include marketing plan
  - EHS statement
  - Conversation with Farm
  - Plan Sustainable Living Series
  - Tour for GAF members

Motion: Tyler

2<sup>nd</sup>: Kyla

Yes: Annabelle Nippe, Arielle Rivero, Tyler Wendtland, Brandon Goldstein (Tyler: Proxy), Margo Pengilly, Kyla McLean

No: Jacob Bostick (Kimberly: Proxy)

Abstain: Linda Kogan

PASSED

#### Discussion – Tree Mapping & Air Quality

- Qualifications: long term, outreach plan, classroom, student involvement, marketing, Sustainability Office fund half, interested in faculty who are conducting research and want to partner and share ongoing costs, education and outreach paid and done by Office of Sustainability - remove \$12, remove \$200 for GIS, outreach to faculty and create focus group before starting project, dedication – ensure space is GAF
- Final Qualifications:

- Reach out to interested faculty who are conducting research in air quality that might partner and share the on-going costs of the more expensive device, may be applicable for their research
- All education and outreach will be completed by the Office of Sustainability (remove \$12 from budget request)
- Remove \$200 from budget request for GIS
- Outreach to faculty and create focus group before starting project
- Dedicate the path space at the Sustainability Demonstration House for GAF projects and learning laboratory

Motion: Tyler

2<sup>nd</sup>: Kyla

Yes: Annabelle Nippe, Arielle Rivero, Tyler Wendtland, Brandon Goldstein (Tyler: Proxy), Margo Pengilly, Kyla McLean

No: Jacob Bostick (Kimberly: Proxy)

Abstain: Linda Kogan

PASSED

Meeting End: 10:27am