**GFC MINUTES**

**Date: November 18, 2020**

**Time: 8:30AM – 10:00AM**

**Location: Zoom**

**Chair(s):** Francesca Butler, Sarahi Porcayo **Present:** Dathan Powell, Claire Eaton, Tyler Pasley, Francesca Butler, Megan Styles, Brian Beckerman, Chuck Coderko, Elizabeth Bretscher, Joshua Melnick, Sarahi Porcayo, Junfeng Wang, Jennifer Davis, Steven Simpson-Black, Julia Wasik, Anna Schoenherr, Gless Meehan

**Secretary:** Ellie Bretscher **Absent:** Louis Van Akkeren, Christina Ryan

**Agenda Item:** Approval of Agenda 11-18 **Presenter:** Francesca

**Conclusions:**

* Motion to approve agenda
* Agenda approved

**Action Items:** N/A **Person Responsible:** N/A

**Agenda Item:** Approval of Meeting Minutes from 11/5/2020 **Presenter:** Francesca

**Conclusions:**

* Meeting minutes approved by

committee

**Action Items:** N/A **Person Responsible:** N/A

**Agenda Item:** Ground Rules for LOI Review **Presenter:** Francesca

**Conclusions:**

* Each topic received 3min discussion time
* Approximately $16,823.47 budget this year
* Only approving to write full proposal, does not matter how many we pass this meeting

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** LOI Elimination **Presenter:** Francesca

**Conclusions:**

* Stricken from discussion:
	+ **UIS Windmill**: too expensive, does not fit with current renewable energy plan
	+ **Style Shed**: requires continuing budget and staff, contact author to give feedback on how to complete independently
	+ **Bookstore Rework:** not in our jurisdiction, contact authors and figure out who to talk to make it happen
	+ **Springfield Community Garden:** cool idea but upkeep hard, suggest authors get in touch with community partners or get involved with our current UIS garden

**Action Items:** Contact authors of projects **Person Responsible:** Claire/Tyler

**Agenda Item:** UIS Rainwater Capture -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Construction of small hang-out pavilion near Community Garden with gutter-connected rain barrel - around $500
* Potentially link with other rainwater capture project
* Any way to prevent mosquito larvae? (refine in full proposal)

**Action Items:** N/A **Person Responsible:** N/A

**Agenda Item:** Community Garden Rainwater Capture -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Use of gutter-connected rain barrels with pre-existing structures around community garden – estimated ~$350-400 depending on if we need to install gutters/leaf guards
* Have author of this and above LOI work together
* Communicate with grounds to see where rainwater would be most beneficial to existing gardens

**Action Items:** N/A **Person Responsible:** N/A

**Agenda Item:** EV Charging Station 1 and 2 -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Install two electric vehicle charging stations on campus for student use –lease 2500/year for 5 years ($12,500 total) OR $12,000 up front for one dual station
* Both use same company in plan
* Maybe offer to pay for some of it and communicate with other campus orgs to assist?
	+ Author communicating w/ Business Administration and other orgs
	+ Need to communicate with author more to see what it would actually cost us
* Need to contact Parking Services to get idea of how many electric cars on campus

**Action Items:** Contact Parking Services **Person Responsible:** Claire/Tyler

**Agenda Item:** Springfield Community Garden -- **ELIMINATED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ “Operation Motherland”- create gardens for at risk neighborhoods in Springfield area - $13,210
* Stricken from discussion

**Action Items:** n/a **Person Responsible**: n/a

**Agenda Item:** Community Garden Rehab -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Make improvements to the UIS Community Garden and greenhouse to increase ventilation and drainage - $2000-2500
* Greenhouse currently unusable – needs ventilation, drainage

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** UIS Bird Friendly Campus -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Install patterns/curtains on windows around campus to decrease amount of collisions from wild birds - $50-70 (early estimate, depends on amount of windows modified)
* Potential for research – think further on winter time involvement
* Springfield hotspot for migratory birds – decrease in injured birds during winter??

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Indoor Recycling Bin Labeling -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Put labels on recycling bins in residential areas to tell what you can or cannot recycle - $163.91
* Inexpensive and effective way of improving existing recycling efforts

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** UIS Windmill -- **ELIMINATED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Build a wind turbine on campus in partnership with CWLP - $2-5 million
* Stricken from discussion

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** UIS Style Shed -- **ELIMINATED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Create small boutique-style store on campus to sell clothes and decrease contributions to fast fashion industry - $2500 up front plus $1220/month
* Stricken from discussion

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Sunflower Patch -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Create sunflower patch on campus - $2.50 per packet of seeds
* Sunflowers are fun :) big opportunities for pictures, events
* If you build it they will come – new interest builder in GFC? Interest from off-campus?
* Talk to grounds to see if any alternate locations?
* Not too expensive – maybe do multiple locations?

**Action Items:** Talk to Grounds  **Person Responsible:** Claire/Tyler

**Agenda Item:** UIS Indigenous Garden -- **APPROVED** **Presenter:** Fran

**Conclusions:**

* **Summary:**
	+ Garden centered around plants that were significant to native tribes in the area – just over $800
* Important to acknowledge indigenous communities - connects with current GFC initiatives
* Current plan has species native to Canada, suggest more relevant species to this area and explain the significance behind them
* Contact Lincoln Memorial Gardens or local cultural groups? Better idea of what plants to use

**Action Items:** Tell author to research local plants **Person Responsible:** Claire/Tyler

**Agenda Item:** UIS Aquaponics System -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Install aquaponics system (combines rearing fish and plants) most likely in HSB greenhouse - $950 without cost of fish, food, plants, or water
* Need to figure out what we would use the goods for – are we harvesting fish?
* Need faculty buy-in to capitalize use in study
* Very interesting, very creative :)

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** UIS Bookstore Rework -- **ELIMINATED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Rework the bookstore into a nonprofit or trust-based system to provide more freedom in prices and merchandise – at least $2000
* Stricken from discussion

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** UIS Campus Trees -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Replace dying trees on campus with native tree plantings – low price trees $1,000-$15,000 OR high price trees $7,000-$10,500
* Very barebones at the moment but working on improving
* Need to find out where and what trees
* Combine with UIS Food Forest?

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** UIS Beehive -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Proposing more traditional style hive with more preventative measures if stung - $500 at most
* Maybe extension to already existing flow hive project?
	+ Get author involved with flow hive

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Rec Park Volleyball Solar Lights -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Install 9 solar-powered lights around the Rec Park volleyball courts - $3000 cost and $1800 installation fee per light ($43,200 total)
* Too expensive to do full project – Rec doesn’t need us to pay full, only help w/ part
* Ask for revision from authors

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Student Housing Food Forest -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Plant fruit trees and berries around housing complexes – around $444
* Collaborate with Campus Tree proposal
* Look into pest prevention – wildlife and bugs
* Work with Grounds to find long-term care plan

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** TRAC Upstairs Filling Station -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Install water bottle filling station upstairs at TRAC – estimated $1800 from previous projects
* Pipes already in place

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Sustainable Signage 3.0 - Plants – **APPROVED**  **Presenter:** Sarah/Tyler

**Conclusions:**

* **Summary:**
	+ Install signs around campus to give information about native plants and sustainability efforts
	+ Utilize QR codes to give specific info about plants
	+ Larger kiosks could be placed outside Union as a sort of hub for information – need to ask author to explain further what exactly kiosk consists of
	+ Estimated $2,200

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Green Items – BRK Library of Things -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Provide green items available for rent at BRK Library of Things – around $456
* Students will hopefully be interested in – brought up multiple times t/o the years
* Will already be well-managed through existing library programs

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** BRK Electrochromic Windows -- **ELIMINATED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Install electrochromic windows in BRK Library to conserve energy – around $40,000 (*expensive*)
* Probably could not combine with UIS Bird Friendly Campus due to nature of tech
* Encourage author to share idea with planning committee for new library

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Energy Scouting Committee -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Creation of student group that patrols campus 2x/week to turn off lights, unplug appliances, close windows, etc.
	+ Hang fliers to increase awareness of energy conservation – only real cost here
* May send wrong message – students believe they don’t have to be sustainable because group will do it for them
* May not be cooperative with COVID – keep in running but may need to push to another year?
* Need to see which rooms and which places author wants to monitor

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** LRH Green Roof -- **ELIMINATED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Plant a green roof on top of LRH similar to the one on FRH - ~$400,000
* Needs fleshing out in full proposal
	+ Could LRH Roof support this?
* Not accessible to students, already green roof on FRH
* Would not be great at saving energy due to construction after building already built

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Field Station Canoe/Kayak Rack -- **APPROVED** **Presenter:** Sarah

**Conclusions:**

* **Summary:**
	+ Storage rack for canoes/kayaks at the Lake Field Station with 2 kayaks – rough estimate of $1,000
* Currently have to drive boats back and forth from TRAC whenever we want to use them
	+ HUGE hassle – I can attest, this is part of my job
* Increase student access to boats, more opportunity for research/engagement on Lake Springfield

**Action Items:** n/a **Person Responsible:** n/a

**Agenda Item:** Announcements **Presenter:** Sarah/Fran/Dr. Styles

**Conclusions:**

* Very exciting, great list of projects – 19 projects passed for full proposals
* Everything is weird right now but we’re killing it
* Register for your Spring classes so they don’t get cancelled without you!

**Action Items:** n/a **Person Responsible:** n/a