**Environmental Service Committee Monthly Meeting**

Date: 3/31/2022

Time: 5:15

Location: Via Zoom

Meeting called by Chair: Mitchel Sauborn

Type of meeting: ESC Presentations from Dr. Cade

Facilitator: Mitchel Sauborn and Emma Parsley

Meeting Minutes: Quincey Pugh

Attendance:

Mitchel Sabourin

Tina Marie Cade

Christopher Serenari

Tres Allen

Emma Parsley

Josie Boehm

Quincey Pugh

Jim V

Absences:

**Dr. Cade Sabinal Hall Landscape Improvements**

-Sabainal Hall recently renovated porch area

-includes pergola and beds

-beds need re-planting

-landscape with vines and pollinator plants

-refuge for native pollinators

-would be a nice place for students and community to enjoy the native pollinator garden

-improves habitat biodiversity, provides shade, beautification, will reduce heat and glare

-would help increase pollinator and migratory species populations

 -Timeline Spring 2022-Spring 2023

**Requested Funds:**

Total bedding material: 4.44 Yds3 (120 ft3)--------------- 4.5Yds   
Total compost (30 % of total): 1.33 Yds3 (35.9 ft 3) ---- 1.5Yds Compost 30$   
Total soil lowes: 3.108 Yds3 (83.9 ft3)---------- (Rounded est. 3.5Yds) Promix (3.8 cuft @ 25) 1514.96   
 Perennial plant species that are being considered for the area include:30   
Rosemary   
milkweed (Asclepius)   
Salvia   
Bluestem grass (Andropogon gerardi)   
Coral vine (Antigonon leptopus)   
Plants to be purchased @ Discovery center nursery ------------------- 500.00$

**-Total: $2045**

**Dr. Cade Quad Ornamental Bed Renovation Service-Learning Experience**

-beds between LBJ student Center

-Supple down to Evans

-beds are tidy: clean no weeds

-mortality in the beds, possibly due to freezes

-not ideal beds because they are shallow

-normally they replace the plants every couple of years

-classes will design and install those areas

-Landscape management class next spring

-could be a paid internship scenario

-Cade wants to bounce ideas off on grounds

-Dr. Cade will get approvals as needed

-would take a couple of weeks to design it, couple of weeks to obtain the materials

-couple of beds done per student throughout the semester

-the beds could be used for teaching classes.

-plants will reduce heat island effect, will help cool campus

-Dr. Cade wants to work with grounds to determine priority areas

-Dr. Cade will then give us a timeline based on size and experience

**Requested Funds:**

$14 per hour x 10 hours per week x 32 weeks (2 semesters) x 2 students = $8960

Total $ 8960

**Dr. Cade Creating an Archive of Campus Trees**

-students previously  established tree campus USA

-service learning activities to maintain certification

-woody plants classed helped to inventory trees throughout the semester

-coin shaped tag on all of the trees, ground uses that to identify the trees and monitor health

-students have established species, taken measurements, rate health of tree, make notes about whether it had hollow areas or had pests or mushrooms or if it was in decline

-they would take data and ask the geography department to make a map and an inventory of trees/collection of trees

-this would be a resource that everyone could use as an educational outreach

-body of knowledge used for utilities as well as a tool used for education

-Dr. Cade would like to create barcodes and Qr codes on plastic tags on the trees

-These tags would have information about the tree with the common and Latin names

-These tags will be scannable for grounds to monitor trees

-Campus trees collection to potentially a campus arboretum one day

-labeling trees with barcode tags, could be associated with original metal tags

-provide better data and information on trees

-qr code with information about the tree species

-This data will also help collect information about tree canopy cover

-To reduce heat island effect in urban environment we should be pushing for a 30% canopy cover

-predict better how our canopy is going to be changing within the next decade

-replanting efforts from map when the trees are

-use tool to help combat our climate change issues on a micro level

**Requesting Materials**

Graduate stipend -- $1510 month (mid level graduate stipend) x 12 months = $18,120  
  
Supplies for archive and labeling (laptop/iPad, labels, weather resistant attachments for trees) = $3000

Total $ 21,120

**Green Wall Project**

-company that gave her the quote was the amount that she requested

-when she said she had the money from the ESC and went to pay for the installation, they never got back to her

-she found someone that did the wall for Whole foods- he strung her along all fall semester and then said that he didn’t have time for it

-AG mec could make a wall and then now they may not be able to make anything

-she’s talking to someone who makes sculptures, but she is not sure if he will be able to make the structure.

-she is working on trying to find someone who can help her build the structure to install the plant wall.

Mitchel Sabourin motioned for Adjournment

Minutes Submitted by: Quincey Pugh

Minutes Approved by: