GAF General Meeting 12/10/2019

UC 1222

**Attendance:**

**Members:**

Alex Jobe

Margo Pengilly

Linda Kogan

Jacob Bostick

Emma Henley

Bryce Larson

Hannah Daugherty

Alexis Musgrave (Lexi)

Zachary Reese

Micah Orcutt

Joshua Hellman

Vanessa Obetz

Zano Rana

Teodora Dancer

Katharina Zito

**Non-members:**

Kimberly Reeves

**8:00 am**

- Officer Updates

- Zach, Margo, Emma, Alex, Lexi, & Zano

-Minutes Approval- (N/A)

- GAF General Meeting 12/03/19

- New Vice Chair Vote

**8:10 am**

Drive-On Presentation- Claudia (10 minutes)

**8:20 am**

- Questions (5 minutes)

- Discussion (5 minutes)

It has been funded before with the same design, the team provided good communication and updates until the battery went wrong. Claudia is the project manager. Encourages sustainable innovation. Have had a lot of previous funding and haven’t accomplished significant outreach and student engagement, even within the department. They have many resources that they are not utilizing- via the garage. If there are 5 people being paid, they need to have more responsibilities than just showing up and working on the car. If we can get the engineering student highly engaged, then it would be worth it. Is this really a research grant? How will they involve more students and a greater scope of impact and return to us with a more holistic plan. How will they not repeat the same mistakes that were made last time? Why isn’t engineering paying the student employees in stipends rather than GAF? Want to see collaboration with other teams and students.

Qualification: Have a higher level who is permanently on campus to sign off on responsibility. Education and outreach structure, plan, and commitment.

Vote:

Alex Jobe: potential

Margo Pengilly: abstain

Linda Kogan: potential

Jacob Bostick: yes

Emma Henley: yes

Bryce Larson: potential

Hannah Daugherty: yes

Alexis Musgrave (Lexi): potential

Zachary Reese: yes

Micah Orcutt: yes

Joshua Hellman: No

Vanessa Obetz: yes

Brandon Goldstein (proxy): yes

Katharina Zito: yes

Zano Rana: potential

Teodora Dancer: No

**8:35 am**

GLI Food Storage Project- Denny (10 minutes)

Denzel, Joe, and Charlie

GLI- nonprofit based in Denver, most of their operations are in Uganda and Entusi. Help subsidize farmers to promote better farming practices and host activities for local communities. Send students to volunteer.

Project overview: Food storage in Entusi. Will be able to hold for food longer to sell food on the market at a competitive price when the crops are no longer in season. Looking for sustainable and economic design.

Requirements: Storage capacity to hold up to 30 farmers (5 sacks of potatos/farmer). Locally sourced materials that can be built on site. Everything will be hand built by local labor. Low-no energy, solar or gravity lights.

Will present design prototype yp UCCS students and public on May 4th.

Increase student involvement and awareness on campus: by display station in the engineering building, encourage local and international project trips, draw attention to senior design project and engineering, have professors share the project with future classes, collaborate with Orientation to incorporate this into their tours.

Asking for: $8,645.54

**8:45 am**

-Questions (5 minutes)

How are you gong to maintain the project when you are no longer students here?

Contractors for GLI to maintain the food storage in Entusi. Faculty advisor will take care of upkeep for the display.

Is there a GLI coordinator you are directly working with? Yes, CEO of GLI. Intended to be a long-term relationship for years to continue.

How strong of an impact will the food storage have on the environment? Mainly social work, however, smallest area possible to store the intended amount of food in the most efficient way (ventilation, lighting, low energy).

You are building a prototype on campus?

Not to scale, will be built as a model. They will use what they observe while abroad to design the storage unit here.

How is this being documented? Will there be any collaboration with journalists or people involved in sustainability on campus?

The members going will publish a substantial report on the entirety of the project, presented publicly and displayed in the engineering.

Collaboration beyond engineering?

GPS classes and tours.

-Discussion (5 minutes)

Qualifications: Commitment to ongoing information and GLI coordinator.

Vote:

Alex Jobe: Yes

Margo Pengilly: Yes

Linda Kogan: Yes

Jacob Bostick: Yes

Emma Henley: Yes

Bryce Larson: Yes

Hannah Daugherty: Yes

Alexis Musgrave (Lexi): Yes

Zachary Reese: Yes

Micah Orcutt: Yes

Joshua Hellman: Yes

Vanessa Obetz: Yes

Brandon Goldstein (proxy): Yes

Katharina Zito: Yes

Zano Rana: Yes

Teodora Dancer: Yes

**9:05 am**

PIPS- Ryan and Linda (10 minutes)

PIPs: Positive Impact Points, a cryptocurrency than can be redeemed for gift cards and scholarships. Poitns are eraned by doing sustainable actions.

Ecological footprint: incentivizes students to reduce their personal footprints and encourages sustainable habits.

Education and Outreach: Primarily through the app. When a student scans a QR they are shown exactly the impact they are making. Can run trivia contests within the app. Each student can track the amount of co2 they have saved.

Outreach: October was just over 10% of the student population is engaging in the app. Students can refer a friend for points, word of mouth spread. Presentations at the Sustainabiltiy Summit and tabling.

Scope of Impact: Just under 1400 students as of October. Data is reported vis the company and can track what working and what isn’t. PIPs for school, a redemption option where students can pledge their PIPs for a 2:1 match from the company. Over 10,000 pounds of Co2 reduction.

Increased Student Involvement: UCCSlead Gamechanger, Food Next Door, events hosted by the sustainability office, the farm, and around campus.

Long-term feasibility: This program is a proof of concept. Second school to take on the program. Hope to fund for a year or two and have administration take on the funding. Contingent of securing additional funding from the administration. Assessment has already begun in terms of focus groups and surveys.

Asking for: $20,000

PIPs future: focus groups and surveys, increase local partnerships, target what students would like to see, cross-campus marketing, more trivia contests, seek student feedback.

**9:15 am**

Questions (5 minutes)

How much do you see this increasing in cost as students continue use?

Hard to say because it’s a newer program. We can determine based on student involvement and predict based on last year’s success. Decided on a yearly basis.

If the first year was so successful, why isn’t the administration commit to funding this?

If the administration does to contribute funding, then no money will be taken from GAF. Takes aprox. Two years to prove concept is working. Partially unknown.

Will be presented at orientation to students and parents.

Discussion (5 minutes)

Vote:

Alex Jobe: Abstain

Margo Pengilly: Abstain

Linda Kogan: Abstain

Jacob Bostick: Yes

Emma Henley: Yes

Bryce Larson: Yes

Hannah Daugherty: Yes

Alexis Musgrave (Lexi): Yes

Zachary Reese: Yes

Micah Orcutt: Yes

Joshua Hellman: Yes

Vanessa Obetz: Yes

Brandon Goldstein (proxy): Yes

Katharina Zito: Yes

Zano Rana: Yes

Teodora Dancer: Yes

**9:52 am** Adjourn Meeting