



Agenda for October 26th, 2016 (4 pm Mills Library)

Members of the CSFC:

Faith Mullins '17, Chief Sustainability Officer, CSFC Chair
Kevin Krajcir '17, Environmental Concerns Committee Chair
Elizabeth Soo '17, Garden Club Co-President
Lauren Long '17, Garden Club Co-President, ECC Apartments Representative
Abby Gatmaitan '17, At-Large Student Member, ECC Secretary and Social Media
Annie Meek '18, At-Large Student Member, ECC Veasey Hall Representative
Kay Beth Tyson, '17, At-Large Student Member
Dr. Courtney Hatch, Environmental Studies Department Chair
Mr. Skip Hartsell, Director of Facilities Management
Mr. Mike Flory, Executive Director of Culinary Services
Mr. Jim Wiltgen, Executive Vice President for Student Affairs and Dean of Students
Mr. Tom Siebenmorgen, Executive Vice President and Chief Financial Officer

1. Welcome
2. Suggestion from member to change order of meeting discussion items. The changed order of meeting discussion is reflected below.
3. Report by Chair
 - a. The fund is currently at \$67,713.
4. Working Projects
 - a. Pulper/Food Waste Reduction Project
 - i. Costs of equipment for project: \$144,625 total
 1. \$71,000 for equipment
 2. \$74,000 for installation.
 - ii. Optional funding method: Paid from Savings proposal from Entegriety.
 1. Entegriety Partners is an energy services company that was created by Viridian and Nabholz. These are two local companies that Hendrix has worked closely with in the past.
 2. Paid-from-savings approach: Entegriety would create a LED lighting upgrade plan for Hendrix the would save the college a certain amount of money from lighting costs over a set timeframe. The savings from the lighting costs would then pay back the loan that the college would take out to pay for the LED lighting upgrades. The energy savings during the determined time period would also incorporate the cost of the pulper system. The pulper would be installed by Entegriety at the same time as the LED lighting upgrades were implemented. The loan that the college takes out would include the money to pay for the pulper. Basic



idea of this proposal: if Entegrity upgrades X number of indoor lights to LED lights then Hendrix would see a savings of X value per year. With these savings, the costs of the LED upgrades and the pulper installation could be paid back over X number of years without actually costing the college money directly.

3. If the CSFC and the College feel that a paid-from-savings approach is the best way to fund the pulper project, then Entegrity would spend at maximum 90 days gathering data about our college. The data they gather will help them develop a proposal that guarantees a certain amount of savings and a determined time frame for pay back of the loan for the lights and pulper.
 4. Considerations:
 - a. Is the college willing to enter into more debt?
 - b. Is this the best option considering the loan will have interest?
 - c. How much would we have to pay Entegrity for their time creating the project proposal if we say no to their proposal?
 5. For November meeting:
 - a. Determine how long it would take CSFC to save up enough money to pay for pulper out of pocket.
 - b. Range of potential costs for Entegrity proposal.
 6. Goals: The CSFC should decide on their opinion of this project by the board meeting in February so that the Board of Trustees can discuss if they do or do not support this project.
- b. Climate Commitment
- i. Review MOU between the College and CSFC dated 5/9/16
 1. CSFC commits to forming the committee that will facilitate the efforts of Hendrix to fulfill the Climate Commitment.
 2. CSFC commits to providing leadership for creating project applications and to funding appropriate Climate Commitment related projects.
 3. No statement in the MOU regarding what Hendrix entity would pay for the yearly membership dues.
 - ii. To fulfill the Climate Commitment the college needs to take two main steps:
 1. Complete a greenhouse gas inventory by September of 2017.
 2. Develop a Climate Action Plan by September of 2019



- iii. Proposed Climate Action Committee Composition: The Climate Action Committee (CAC) will work hard to fulfill the requirements of the commitment.
 - 1. 3 students to serve for 2 years min.
 - 2. CSFC Chair, automatic 4th student member
 - 3. Three faculty members
 - 4. Pertinent staff members: facilities, business office, Director of Institutional Research.
- iv. Institutional knowledge about GHG inventories is needed.
 - 1. Found that most institutions use outside help to complete greenhouse gas inventories
 - 2. There is possibility of incorporating GHG inventory with LEED lab project proposal.

5. New Applications

- a. Proposal: CSFC to pay Climate Commitment Dues to Second Nature:
 - i. Proposal for the CSFC to pay this year's dues to Second Nature.
 - 1. Cost estimated at \$2,400 per chart found at <http://secondnature.org/dues/>, we have not yet received the bill.
 - 2. CSFC bylaws state that the CSFC shall not fund subscriptions to non-profit memberships. So we will need to change the bylaws if the committee wants to approve this proposal.
 - 3. Discussion about this proposal:
 - a. Pros: Mr. Siebenmorgen believes that funding these dues would "show the president that the student body is dedicated to this project."
 - i. Do students want to support the commitment in this way?
 - b. Does this mean the Committee would fund this every year? Are we okay with dedicated \$2,400 each year to the Climate Commitment?
 - c. It was proposed to amend the by-laws to allow the funding of only the Second Nature dues. The edit to the by-laws will be voted on during the November meeting. Discussion will continue about pro/cons and a length of time for the funding of Climate Commitment dues.
- b. Proposal from Student Senate: CSFC to pay half of the cost of LED lighting upgrades for outdoor Galloway lights.
 - i. Cost: \$5,000
 - 1. roughly 150 LED bulbs at about \$33 per bulb



- ii. Highlights of Senate Proposal:
 1. The light upgrades would replace all outdoor Galloway style lights with LED lightbulbs.
 2. Student Senate voted on 10/25/2016 to pledge \$5,000 towards this project.
 3. “Students have remarked that while the LED bulbs technically are not any brighter than the current orange bulbs, the white hue is a stark contrast to the current orange haze, and gives the impression of a better lit campus. This creates a sense of security that campus is looking for.”
 4. The proposed LED lights use 15 watts for every 50 watts used in the current bulbs.
 - a. “Roughly 100,000 less watts per hour used campus wide.”
 - b. “40,000 less kilo watts per year.”
 - c. “Estimated savings of \$17,000 a year for Facilities for complete transition [of outdoor lights].”
- iii. This project led us to consider the current CSFC bylaws stating that: “Projects with total costs under \$2500 are reviewed on a rolling basis during the academic year. Project Applications with higher total costs are due at 11:59PM on October 1st, February 1st, or April 1st of a given year (or the next business day if this date falls on a weekend).”
 1. The committee agreed that the wording in this clause did not specify when voting on the higher cost project proposals should occur. Since this proposal from senate was technically received before the February 1st deadline the committee decided to vote on this proposal.
 2. The committee also decided to change the wording of the bylaws regarding application deadlines. The proposed update for proposal deadlines is that any project application should be submitted two weeks before a scheduled CSFC meeting so that the proposal can be voted on at that upcoming meeting. The change in the bylaws will be voted on in the November meeting.
- iv. Other’s comments:
 1. Mr. Skip Hartsell confirmed that \$17,000 worth of lighting savings could be seen from this project.
- v. Vote:
 1. Motion: Abby Gatmaitan
 2. Second motion: Dean Wiltgen
 3. In-favor: unanimous among the 9 of 11 voting members present.



4. Opposed: none, members absent, Mr. Mike Flory, Kay Beth Tyson, Annie Meek
6. Working Projects
 - a. Irrigation Project Phase Two: tabled for next meeting
 - i. Phase 1 was ~\$32,000
 - ii. For phase 1 a motion to vote was made by email in March of 2016: 10 yes, 1 no-vote
 - iii. Motion: “To approve funding one half of Phase I of the irrigation project with the College committing to fund the other half of Phase I with the understanding that successful completion of this Phase will cause the College to commit to place requests to fund the additional Phases of this project into future budgets.”
 - iv. Possible Locations for Phase Two:
 1. Raised planters at Fausett Hall: \$7130 + \$650 landscape repair (\$7780 total).
 2. Trieschmann horseshoe lot for middle area of parking lot: \$4,090 + \$650 landscape repair (\$4,730 total). Involves “boring” under the parking lot.
 3. Couch circle driveway: \$6,677 + \$650 landscape repair (\$7,327 total).
 - i. Will vote on partial/all funding for phase 2 during November 10th meeting.
7. Future Projects
 - a. Replacement of outdoor trash bins with recycling and trash bin combos.
 - i. Prices range from \$700-\$1,200. Aim is to stay below the \$1,000 mark for each bin.
 - ii. Examples being taken next week to Marketing Communications for opinion!
 - iii. Discussion to occur during November meeting.
8. Outreach Events
 - a. Movie screening in partnership with ECC/EVST Program, Sunday 10/30th at 8pm in Worsham.
9. Constituent Concerns
10. Other Items and Discussion
 - a. Is our acronym (CSFC) preventing people from catching on to the committee?
11. Dismissal (next meeting November 10th, Campbell North at 11:10 am)