

Campus Sustainability Fund Committee Meeting Minutes

January 23, 2015 – 4:00 to 5:00 PM – Gerberding 26

Attendees
CSF Committee: An Huynh, Kayla Schick, Colin Butler, Erin Sofinowski, Carolyn Hartman, Natalie Gray, Connor Birkeland, Graham Golbuff
Guests: Manastash Ridge Team, Rainwater Team, UW Farm Lighting Team, Marilyn, Lyndsay Cameron, Jan Whittington, Sunni Wissmer

Agenda		
Time	Item	Presenter
1 min 4:00-4:01 PM	Approve 1/16/15 Minutes Approve 1/23/15 Agenda	Committee
15 min 4:01-4:15 PM	Project Presentation: Manastash Ridge Observatory	Project Team
15 min 4:15-4:30 PM	Project Presentation: Rainwater Handwashing	Project Team
15 min 4:30-4:45 PM	Project Presentation: UW Farm Lighting	Project Team
5 min 4:45-4:50 PM	Vote on FY16 Budget	Colin
5 min 4:50-4:55 PM	Report from Green Tea Party Meeting	Graham, Connor
5 min 4:55-5:00 PM	Reminders, Wrap up, and Adjourn	Kayla

Meeting Summary: The CSF meeting on January 23rd, 2015 consisted primarily of project presentations from student teams regarding the Manastash Observatory Sustainability Project, the Water Recapture System at More Hall, and the UW Farm's Light Bulb Installation Project. Afterward, the committee approved the upcoming year's budget, and heard news of the most recent Green Tea Party meeting, and of future plans for Earth Day.

– COMMENCE MEETING –

Motion: Approve January 16th, 2015 Minutes (Kayla) – APPROVED

Motion: Approve January 23rd, 2015 Minutes (Kayla) – APPROVED

Project Presentation: Manastash Ridge Observatory

- Presentation
 - Manastash Ridge Observatory, a “Do It Yourself” Telescope, lives 20 miles outside Ellensburg.
 - Student Involvement
 - Undergraduate Work Parties and Training
 - “Tradition” for UW Astronomy Students
 - Produces best observers in the Astronomic community!
 - CSF Involvement: Decreasing Environmental Impact
 - Cutting water use by 70%, collect more than enough H2O
 - Solar panels
 - First solar-powered astronomical observatory
 - Projects: Solar, Appliance, and Water
- CSF Committee Questions
 - How long do you envision this facility being used for?
 - 60 without maintenance, 100+ years with maintenance.
 - Training programs?
 - Learning the observatory!
 - Hands-on experiences.
 - Student Experiences as a Result of Project
 - Reduction competitions!
 - Experience unique systems that can be implemented at home.
 - Easy maintenance!
 - Awareness on UW-Seattle Campus
 - Live Feed: Showing students the number-values of impact.
 - Students choosing components for retrofit?
 - Undergraduate student team works together.

Project Presentation: Rainwater Handwashing Station

- Presentation
 - Takes place in the construction materials lab in More Hall, where the current cementing method includes a nonstop sprinkling of potable water: thousands of gallons over the course of a year.
 - Proposition: a rainwater collection and purification system to substitute!
 - Saving 600 gallons H2O/day during the school year.
 - Saving 1800 gallons H2O/year!
- CSF Committee Questions
 - Rainwater quality?
 - Data collection for rainwater quality

- University sets a precedent for Rainwater capture system for the city.
- Is this the best resource reduction that this department can do right now?
 - This appears to be the most important place to reduce consumption at this point in time.
- Publicizing in UW media and in Seattle! Great, but what will it cost?
 - Goal: Free publicity!
- Will there need to be roof work to accommodate your project?
 - Quite possibly.
 - Check in with Facilities' Howard Nakase!

Project Presentation: UW Farm Sustainable Lighting

- Presentation
 - Implementing “iunu” high efficiency plasma lighting to replace high pressure sodium system at the UW Farm.
 - Bulb company “iunu” conducted by UW Alumni and Graduate Students!
 - Phase one: feasibility study
 - Comparing systems and food sources
 - Administering report
 - Education and Outreach
 - Addressing environmental issues
 - Alleviating Food Scarcity – quality, quantity, and ease of access
 - Reducing Energy Consumption – 50% less energy draw, 70% less heat output
 - Education and Outreach
 - Distributable report!
 - UW Farm Site (Signage?)
 - Include in Climate Action Plan (Contact Environmental Stewardship Committee)
 - Educate students, professors, and UW farm staff about plasma lighting
- CSF Committee Questions
 - Budget: # of lights: How did you choose?
 - Based on area and optimum distance
 - Error in budget! Increases research aspects
 - Lifespan of system
 - 25 of plasma systems, less intensive
 - 10 for sodium system, more intensive
 - CUH has had issues
 - Showcase entrepreneurship f
 - Other systems? Vendors?
 - Fluorescent, LEDs
 - Problems with other vendors
 - Discount of \$500 per system
 - Electrical connection at the greenhouse?
 - It will be in place by the end of this quarter.
 - Lifespan and pricing?

- Approximate, based on Seattle Energy prices
- Price saved will be approximately equivalent to 1 year of out of state tuition.

Vote on Fiscal Year 2016 Budget – Colin

- Updated calculations from Budget Subcommittee’s presentation the week previous (1/16/15). All ready to be approved!

Motion: Approve FY2016 Budget (Kayla) – APPROVED

Report from Green Tea Party Meeting – Graham, Connor

- Earth Day Planning!
 - CSF and Earth Club coinciding programs?
 - Funding assistance?
- General “pooling of resources” between groups; outreach, events, etc.
 - Sunni: Engineers Without Borders is a great resource for project infrastructure and Professorial assistance.

Reminders and Wrap-Up – Kayla

- Prepare for next week’s presentations: Wood Salvage, Kincaid Ravine Signs, and possibly Shellfish Co-op.
- Get your subcommittee goals in to Natalie!

Motion: Adjourn Meeting (Colin) – APPROVED

– ADJOURN MEETING –

		Budgeted	% of Budgeted	PROJECTED Balances	CURRENT Balances	CHARGES TO MAKE / IN PROCESS		
OPTION 1 REVISED	Operations	\$62,900.00	17.0%	\$41,314.50	-\$21,585.50			
	Outreach/Events	\$7,400.00	2.0%	\$5,882.64	-\$1,517.36			
	Contingency	\$2,000.00	0.5%	\$2,000.00	\$1,059.06	-\$1059.06 (Green Labs)		
	Projects	\$275,000.00	74.3%	\$273,581.61	\$205,006.01	-\$1000 (Pollinators Small Project) -\$398 (Prairie Rain Garden Project) -\$20.39 (Green Labs)		
	Large Projects	\$22,700.00	6.1%	\$107,481.29	\$84,781.29			
	TOTAL	\$370,000.00	100.0%					