

CEC First Meeting
January 20th 2010
Minutes

- Spoke about rule changes
 - Proxy able to vote
 - Form of meeting
 - Send out press release to CPJ
 - New members
 - Election results
 - Results of this meeting
- Literature for CEC library
 - Still working on it
 - Book
 - Magazines
 - Journals
- **Flaming Eggplant Proposal**
 - Introductions
 - Updates
 - Researched PAC for rebates
 - Rebates for dishwasher
 - Call person for rebates at PAC
 - Hand washing
 - Wastes too much energy and water
 - Researched health code
 - Purchase dishwasher from PAC vendors
 - Rebate would be instant
 - No vendor
 - Wait for rebate
 - Plumbers and electricians
 - Not known if students or staff of Evergreen
 - Facilities would install
 - Would have to purchase reusable dishes
 - Have student design and make dishes
 - Purchase others
 - Why have CEC purchase dishwasher
 - CEC loosing money every quarter
 - Not a profit making entity
 - However losing less month to month this year compared to last year
 - Speaking with evergreen accountant and professors
 - Will be making money 'soon'
 - Sale of trailer this summer
 - Supplemental income to purchase items related to dishwasher

- \$1500 in tips/quarter
 - no longer distributed to individuals
 - will be alternate funding source
 - 6 in favor
 - 1 opposed
 - 2 abstain
 - **GRANT APPROVED**
- **Expanding the Future of Renewable Polymers: Modified Corn Starch Polymers as Sustainable Materials**
 - Introductions
 - Project would be first one and CEC would invest in polymer lab on Evergreen
 - Have many sources of funding alternate to grant to present at ACS conference
 - Working with other institutions to get materials
 - SPSCC
 - Lifespan of columns
 - 20 to 25 years
 - benefit lab into the future
 - Lead would be Paula
 - Accepted to Conference
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 - Purchase own textbook
 - For lab
 - Funding for conference from other source
 - Issue with purchasing equipment for the lab
 - Academic program should fund equipment
 - Issue with out of state travel
 - Issue with budget
 - Motion by Connor to approve all materials except:
 - HPLC columns
 - Airfare
 - Textbook
 - Columns not required
 - But required for characterization
 - Only chemicals cost would be
 - \$1490
 - 7 Approved for \$1490
 - 1 abstain
 - **Grant Approved for \$1490**
 - **Maison Verte: Modeling a Sustainable Solution for the Campus Mods**

- Project has changed
 - Revised to be more campus oriented
 - Model will be 'coffee table sized'
 - Green roof techniques
 - Alternate objective
 - Present at Synergy which will not be occurring
 - However present at Clean Energy Fair
 - Heating salts for heating house
 - Visits Passive House *Passivhaus* house in Portland
 - No heating system
 - Superior insulation
 - Itemised budget
 - Not available
 - Started project with class
 - Final design stages
 - Support documentation
 - CEC will see
 - Scale model
 - Current modular housing and energy usage
 - Report
 - Compare current costs for Mods and expected costs with hypothetical housing plan
 - Presented at Fair
 - Green roofs
 - Growing edible plants on roof or vertically
 - Research issues involved with roof growing
 - How people are aware of their energy usage
 - Distribute information to residents
 - NO BUDGET
 - Equipment costs
 - Construction of model
 - Green roof strata
 - Plexiglas box for green roof strata
 - To demonstrate differing layers
 - Long lifecycle of final project
 - Need faculty approval to long lasting
 - No co sponsor
 - **No decision made with no budget**
 - **Tabled until next meeting**
- **Algae cultivation project**
 - Use vehicle exhaust to 'feed' algae

- Water will be put into a wetland system
- Then used to water plants
- Use garlic press
 - Then rod system
- Share information
 - Give presentation
 - Put presentation on YouTube
 - Present workshops
 - Everything documented
- Biodiesel club
 - Around 40 members
 - 10 solid members
 - Need method to keep project going
- Algae strains available to all students
 - Would like to preserve stains on site
- Where would you purchase equipment?
 - Through lab stores
- Water will be from Puger Sound and tap
 - Sterilized in autoclave
- Purchase equipment from lab stores
- Motion to pass
 - Seconded
 - Stipulation
 - Who will be lead advisor
 - Provide presentation from Fairs
- 7 approved
- 1 abstain
- **Motion Approved**
- **Ban the Bottle**
 - **Not Present**
- **TESC Biofuels Production Building**
 - What additional funding sources?
 - Look into other grants
 - No specifics yet
 - Tomorrow meeting with other staff
 - Discuss campus facilities process for building the building
 - Building is pre engineered steel structure
 - Construction will take around two months after start date
 - However additional design considerations
 - Demolition costs are not included
 - Estimate is around \$3000
 - Not tested for lead paint in current structure
 - No faculty advisor
 - All equipment from current facility will be used for new building
 - Items from lab stores will be purchased

- No student is responsible
 - \$100,000
 - will cover tier 0 plus tier 1
 - design plus
 - write 5 additional grants
 - then possible ask for more funds from CEC
 - Is project like this required approval from board of trustees?
 - Unknown
 - Most likely yes however
 - Is the building planned to be LEED Certified?
 - Is on the road to LEED certification
 - Long term ability?
 - Most likely
 - Cannot take to vote without
 - faculty sponsor
 - Matching funds
 - Funds too much at current time
 - Support for \$20,000
 - Architectural design
 - Concern that student fees will be building buildings for college
 - Support from students
 - Forum for students to raise issues
 - Possibility of funding ~\$49,000 raised by presenter
 - Costs of designing and permits and planning
 - ~\$60,000
 - **Tabled for the moment**
 - **No faculty advisor**
 - **Large amount**
 - **Speak again at next meeting**
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- **Protecting Evergreen's Watershed: Drainages and Stormwater Management on Lower Campus**
 - Concern of ability to work
 - What happens to equipment provided?
 - Faculty sponsor?
 - Members not present
 - Will be discussed at next meeting
- Discussion of proposals today
 - About biodiesel project
 - Concerns with the quantity of fuel
 - What will happen to diesel
 - Large projects with high risk
- Redefine roles of student members of CEC
 - Refining and adding to current descriptions

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