RISE Board Meeting Minutes

LOGISTICS

Date: 01/23/2014

Meeting Start Time: 1:00pm

Meeting Stop Time: 2:00pm

Members Present: Yasmeen Hossain, Chair
Wyatt Hurlbut, Vice Chair
Michele Mouton-Hebert, OOS Director
Ian Olson, Staff Rep.
Ian Johnson, Student
David Fazzino, Faculty Rep.
Rodney Guritz, Student
Christin Anderson, Student
Isaac Thompson, Student

Members Absent: Anne Williamson, ASUAF Office Manager
Ayla O'Scannell, ASUAF President
Ben LaRue, Community/ Chancellor's Selection
Brix Hahn, Student

Guests: Christi Kemper, OOS Admin. Assistant
Erik Williams, Student Coordinator for Brendle Group SMP

MEETING SUMMARY:

Bylaws

Ayla has rewritten the bylaws to agree with the governance agreement.

The term SIREN fee/SIREN fund needs to either be changed or an explanation added that describes the change

Positions have been rewritten and a description inserted for the OoS admin assistant.

- Mike Sfraga communicated to Michele that he wants all UAF employee job descriptions removed.
- The Directors position will be made less defined and the assistant's position needs removed.
Marketing & Outreach for Spring Proposals

A large number of proposals go through Michele and/or come out of the OoS.

The RISE Board wants to reach out to students in classrooms. Christi will provide a list and each RISE member will sign up for a course or two.

RISE should reach out to classes about integrating proposals into classes because of the amount of time they take. Making them into for-credit independent learning projects might work as well.
  - We need to have a proposal-writing workshop as well.

Only having two proposals last semester shows the weakness of our approach.

Changing our approach, presenting out concept in a different way & writing a marketing plan may help.
  - Marketing courses require students to write plans. Maybe we can get someone

The OoS advertises the student RFP on the radio show, in Cornerstone, in the Sun Star, in the Wood Center (Banner), and using flyers.

Normally Michele does classroom presentations, personal invites, booths as well, but didn't use any personal contact approaches last fall to see how much of an impact it had compared to other advertising.
  - It didn’t go well and this semester we are back to doing presentations and booths again.

RISE will form a subcommittee to work on marketing the student RFP

We can engage more at the LIVE office

The Sustainable Shopping List

Pro Shopping List Arguments
  - We have never spent that much and don’t want to lose our budget.
  - Picking items like the parking garage will help build our presence on campus and make UAF more sustainable.
  - Our deadline for getting money spent is coming close – the OoS needs enough time to implement projects.

Anti-Shopping List Arguments
  - Thinking in terms of what has to be spent overlooks the fact that we need to focus more on student projects.
  - We need to get ideas from students instead of throwing money at projects across campus.

Making the Office of Sustainability Sustainable

We need to make the OoS self-sustaining.

We don’t have the means to pay for a reduction or offset of energy.
If we use GVEA bills to trace savings from our projects we could take a portion of it.
- We wouldn’t have to take it all; we could just take 10% or so.
- This might discourage people/departments from applying

The OoS doesn’t have a way of taking that volume of money right now.

Don’t want to push things too hard because of discouraging people from trying.

**Plastic Recycling Problem**

K & K Recycling will no longer accept any plastic.
- They do not have an ability to handle the volume anymore.
- It was not included in the borough contract
- It was being stockpiled for future recycling and is now a hazard

Short-term steps:
- Plastics bins are being pulled in some areas, labeled in others
- Plastic still being collected & weighed for tracking in the dorms (bins are single-unit)
- Rodney let the FNSB Recycling Commission know about this.

Possible Solution: Separate 1 & 2 plastics for recycling at the Fairbanks Rescue Mission
- Who will separate it?
- FNSB could subsidize bins for 1 & 2
- Who will haul it and how much will it cost?

This has happened 2-3 times before with other items.
- Solutions are hard to find because items must be shipped long-distance BOTH ways.

There are no government subsidies for these types of projects.

Two of three members of the RISE Board recycling subcommittee have left. We need another one or two.

The RISE Board can make Spring proposals focus on ways to recycle plastic in Fairbanks.

On 1/24/14 there will be a meeting with representatives from across campus that will discuss this new problem.

**UAF Sustainability Master Plan**

The first steering committee meeting was today.

RISE Members present: Wyatt Hurlbut, David Fazzino, Ian Johnson, Ian Olsen & Michele Mouton-Hebert

Ian Olsen is providing list of peer institutions for benchmarking.
- UAF has both a circumpolar list and other academic-based lists.

All board members are always welcome to attend these meetings.
The Brendle Group will be conducting interviews of groups across campus
   - This will include the RISE Board.

A large-scale waste audit was NOT discussed this time.
   - Erik will look into an actual price estimate for this project.

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**E-mail Lists**

There are 2 email lists
- RISE internal mailing list for Board members to use
- "UAF-rise" for contacting anyone interested in the RISE Board

When e-mailing each other ALWAYS double-check that you are using the RISE-internal list.

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**Topics for Next Week’s Agenda**

Marketing & outreach – originally going to be the only item on the agenda

Approval of meeting minutes

Vote on bylaws

Vote on funding LED’s in the whole CTC parking garage (Wyatt motioned to vote on this today & Isaac seconded it, but the Board decided to wait)

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**Actions**

CHRISTI – Have student build PowerPoint for RFP talks
CHRISTI – Get list of courses for RISE members to sign up for
MICHELE – Get a time table from Martin for the parking garage and give it to RISE
ERIK – Get quote on large-scale waste audit from Brendle Group
RISE Board Meeting Minutes

LOGISTICS

Date: 1/30/14

Meeting Start Time: 1:00pm

Meeting Stop Time: 2:00pm

Members Present: Michele Hebert, OOS Director
Wyatt Hurlbut, Vice Chair
Yasmeen Hossain, Chair
Christin Anderson, Student
Ian Olson, Staff Rep.
Ian Johnson, Student
Ayla O’Sannell, ASUAF President
Isaac Thompson, Student
Rodney Guritz, Student
David Fazzino, Faculty Rep.

Members Absent: Anne Williamson, ASUAF Office Manager
Ben LaRue, Community/ Chancellor’s Selection

Guests: Christi Kemper, OOS Admin. Assistant
Alexander Bergman, OOS Student Employee
Elizabeth Lent, Student
Carissa ??, Student

MEETING SUMMARY:

Approval of minutes:
Three weeks of minutes to be approved. All minutes approved except Dec 5th.

Bylaws
Any discussion about the bylaws?

Q: Should we eliminate this term or say SIREN and amend it?
A: In the GA it is introduced at SIREN, states that its changed and refers to it as its new term. Probably doesn’t need a vote because it is clerical.

Changes in membership
- There is now an option for people to cycle through more often. If someone isn’t available to fill a seat another can fill that spot for additional year.
- One additional position has been added.
- If someone fills vacancy it doesn’t count against the overall term limit.
- Accept applications on a rolling basis.
Currently there is at least one vacancy.

With the new GA and Bylaws a “clean slate” will be made for current members. This way we don’t have to go back and figure out when people joined. New members take new slots, old board members take older position.

Some RISE members feel that 2 years is a short amount of time.
Some RISE members feel that for most students, 2 years is a long commitment.
   - Also don’t want two people to be making all the decisions for that many years.

The Chancellors appointee, Director of Sustainability and the ASUAF Office Manager are not subject to term limits.
   - Would it be possible to make the staff and faculty members not have the 2 year limit?
   - Staff and faculty often show interest in joining the board.

With the community at large position someone can go from one area to another.

One year should be defined if that is what we mean by the extra limit.

Michele says that, with the exception of last semester, there have not been any problems with finding board members.
   - She was experimenting with removing the personal contact aspect of her advertising for positions.

At some point there was some language about subcommittees but that is gone now.

Ian moves to add under section 1.13 “the rise board can establish and appoint membership to subcommittees as needed. Membership shall comprise of at least one rise board member, staff/faculty/students/community members may be a part of subcommittees.” Rodney seconds.

Do subcommittees have the ability to control funds?
   - Not exactly. Subcommittees establish budgets to be approved by the whole board.
   - Exception: if there is a line item in the OoS budget.

All power to spend/recommend money is done through the board itself. Rise: who, budget, and report back. Ayla does not think this is necessary.

Ian motion to adopt bylaws as now presented. Wyatt seconds.

Unanimous vote “Yes”.

Marketing & Outreach

All Board members will go to a class; can discuss the rise board, the RFP (BIG POINT!)
Pass around class list & people can sign up.

Make the Spring Theme Plastics: All proposals are accepted, just make plastics the theme. : All say YES

Bear Costume: working on tracking it down. Michele is going to go to the office and ask them about it. Need to find someone to wear it. Xander will wear it.
LIVE office? Leadership? For fall semester work on integrating this into curriculum NEXT year. Ian: it would be nice to talk
to prof before class to see what they have been talking about so that the rfp talk is integrated into what they have been
doing. Also

Faculty senate for Faculty RFP? Student was told no. Contact David Valentine to be put in on the agenda.

What would make YOU want to do a proposal?
Event in MBS: Environmental documentary! Movie night with food. (Sustainable task force did monthly
movie/weeknights/Schaible auditorium. Tues or Thurs) serve virgin sustainability drinks - "Sustainable Mocktails".

Wood Center or Pub movie.

OoS did sustainability night once a month (we provided food) and it was cancelled because of low attendance.

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**Fairbanks Plastic Recycling**

Last Friday there was a meeting held about plastic recycling solutions now that K & K has stopped collecting.

The RISE Board and OoS will focus the Student RFP theme on plastic recycling.

The company that takes plastics from the Fairbanks Rescue Mission accepts 1 & 2 plastics.
- Must be clean source & separated. Labels are okay.
- They will take our 1 & 2 plastics together if we schedule it regularly.

If we can get a bailer (or access) we could take it 1 & 2 plastics to the Fairbanks Rescue Mission to be taken to
Anchorage.

We produce roughly 2-3 bales per year of plastics.
Getting rid of other plastics costs about $30/ton to remove.

Further discussion about this is tabled until next week.

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**Marketing the Student RFP**

Electronic advertising used: Cornerstone (student & employee). Listservs.

Paper advertising used: Flyers (we need to be sure to hit upper campus). Posters.

Contact advertising used: booths, classroom presentations, radio.

Ideas to increase applications:

Change presentation.
- Presentation now is generic, we need something catchy & to make it more of a sales pitch.
Create a sign-up list for OoS news & events.
  - Can use the RISE listserv for this.
  - Take e-mails in exchange for sporks.

Have a generic OoS/RISE Board business card made.

Make sure the proposal workshop happens.

We need to change the signs out in the Taku Lot to include Fairbanks Rescue Mission information. Michele says that it is Facilities job. Collection on campus is requiring the same.

Recycling Commission: Yasmeen, Rodney, Christin

Social Event for the RISE Board

Funding can be approved for food.

Funds can’t be used to buy alcohol.

Funds can’t be used to pay for fees or tickets (movies, bowling, etc.).

Topics for Next Week’s Agenda

Social event for the RISE Board.

Actions

CHRISTI: Upload class lists on Google Drive
YASMEEN: Coordinate a RISE Recycling subcommittee meeting
### RISE Board Meeting Minutes

#### LOGISTICS

<table>
<thead>
<tr>
<th>Date</th>
<th>2/06/14</th>
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<tbody>
<tr>
<td>Meeting Start Time:</td>
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<tr>
<td>Meeting Stop Time:</td>
<td>1:58pm</td>
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</table>
| Members Present: | Michael Mansel, ASUAF President Designee  
                 | Christin Anderson, Student  
                 | Ian Olson, Staff Rep.  
                 | Michele Hebert, OOS Director  
                 | Wyatt Hurlbut, Vice Chair  
                 | Yasmeen Hossain, Chair  
                 | Isaac Thompson, Student Rep.  
                 | Ian Johnson |
| Members Absent: | Anne Williamson, ASUAF Office Manager  
                  | Ben LaRue, Community/ Chancellor’s Selection  
                  | Rodney Guritz, Student  
                  | David Fazzino, Faculty Rep. |
| Guests: | Christi Kemper, OOS Admin. Assistant  
         | Erik Williams, Student Coordinator for Brendle Group SMP  
         | Alla ??, Undergraduate exchange student from Russia  
         | Elizabeth Lent, Undergraduate student  
         | Carissa ??, Undergraduate student |

#### MEETING SUMMARY:

**Introduction of Michael Mansel**

Michael is graduating next year with degree in Mining Engineering.  
He will be serving as the ASUAF President’s representative.
Marketing

Isaac e-mail Dr. Weiss, but hasn’t heard back yet about presenting in his class.

Erik Williams and Ian Johnson are going to set up a class to talk to.

Yasmeen did a presentation this morning (got e-mail addresses from students).

Michael speaking at club officer training today and Saturday

Proposal Writing Workshop.
   - Yasmeen & Ian will do this

Movie Night Update
   - Date will be the 13th, 18th, or 19th between 7pm and 10pm (need cleanup time & talk time)
   - Mocktails and chips & dip will be served.
   - RISE will have a table outside the movie room with flyers, stickers 7 sporks.
   - Addicted to Plastic/Bag it/Plastic Planet
   - Ian will help with interactions with Res Life

Marketing Subcommittee

Minimum requirement of 1 board member, the rest can be community members.

Tasks:
   - Make an Event Planning list binder.
   - Track and record the effectiveness of marketing strategies
   - Develop multi-media presentation that displays previously funded RISE projects.

Should have mission statement and stick to 3-4 members

Social Activity for Board

Social cohesion is important for the work we do.

The RISE Board has never had an event for ourselves.
   - These are student funds and this doesn’t send good image.

Ideas:
   - Go out to restaurant
   - Get take-out and book a conference room
   - Wyatt volunteers potluck at his house.
If RISE funds are going to pay for the event it must be available to all UAF students.

Potluck will be good because it won’t use student funds.
    - A duty poll will be sent out to decide on a date.

**Open Board Seats**

UAF “at large” Community Member (includes alumni)

2 week deadline? Ask selection committee.

ACE = Odd (wyatt, Yasmeen, ?? )
BDF = Even (ian j, Isaac, Rodney)

ASUAF: ABC/

SENATE: DEF/

FACULTY: David

STAFF: Ian

UAF AT LARGE: open

CHANCELLORS SELECTION / COMMUNITY MEMBER: Ben LaRue

ASUAF PRES: Michael

**SMP Progress Report**

Getting the greenhouse gas chart filled out currently.

Spoke to the faculty senate. They asked about what exactly sustainability is and what the SMP will be about.

Working on a survey that will help gauge what the UAF community thinks/knows about what UAF is doing in the area of sustainability.

Workshop should be held on March 11 & 12 - we are working on confirming the Chancellor for Tuesday afternoon.
Guest Speakers for RISE Meetings

Martin Klein and/or Scott Bell
- Have lots of questions for Martin because of the parking garage LED lighting project.
- Michele doesn't know if Scott Bell will be available, thinks Martin is a better choice anyway.

Chancellor Rodgers
- Need to do an SMP update.
- Probably best to see the Chancellor next, but it will take some time to book an appointment.
- Erik knows that for the SMP we will be talking about building up policy and institutionalizing sustainability.
- It’s probably been too long for our conversation with the Mayor to be relevant.

Jon Hubbard from procurement
- Has lots of ideas for making UAF more sustainable in the area of purchasing.

We have a long list of guest speakers. Any students that are doing proposals can come present and get feedback.
RISE Board Meeting Minutes

LOGISTICS

Date: 2/13/13

Meeting Start Time: 12:59pm

Meeting Stop Time: 2:00pm

Members Present: Wyatt Ian O Yasmeen Erik Martin Klein Michele Rodney Alla Elizabeth David Karissa Amadore, Christin Isaac

Michele Hebert, OOS Director

Wyatt Hurlbut, Vice Chair

Members Absent: Anne Williamson, ASUAF Office Manager

Ayla O'Scannell, ASUAF President

Ben Abbott, Student

Ben LaRue, Community/Chancellor’s Selection

Brix Hahn, Student

Chas Jones, Student

Christin Anderson, Student

David Fazzino, Faculty Rep.

Ian Olson, Staff Rep.

Michaela Swanson, Student

Yasmeen Hossain, Chair

Guests: Christi Kemper, OOS Admin. Assistant

Erik Williams, Student Coordinator for Brendle Group SMP

MEETING SUMMARY:

Approval of minutes:

All minutes approved. Jan 30 & Feb 6

Guest Speaker Martin Klein: Introduction & Parking Garage

Martin Klein works in Facilities Services & is here to give us an overview of upcoming energy projects on campus.

- Oversees vehicle fleet (consults with parking).
- Works with construction projects as well.

The 4-level parking garage across from CTC now belongs to UAF.

Originally had old high pressure sodium bulbs, they are trying to replace these with LEDs.

UAF received some money for improvements and had enough money left over to convert one level

- Each fixture is $650 / each level is $26,000
- Fixtures have motion sensors and are daylight harvesting
- When running high they are appx 35 watts.
- The garage lights are on from 6:00am to 9:30pm.

RISE has approved funding another level for this spring.

A proposal will be coming through from Design & Construction students for the other two levels.
- We will probably see more proposals from these students in the future.

The lights have also improved the look & feel of the garage. Their life is also longer, which saves labor.

Q: What is the daily use of garage?
A: It has been increasing, up to 30 cars right now. CTC will be encouraging people to use it more. It’s a 200 space garage.

Q: Can we just shut down part of the garage and not use energy to light those areas at all?
A: Yes. We have already shut off the roof parking and the idea has been kicked around to block off the lower level. There is a big issue with finding a way to totally restrict access if the lights are going to be off. This is a safety issue. We can’t have an area that’s accessible, dark and isolated. This is one reason that the motion sensors on the LEDs are great they save energy and increase safety as well.

Q: Could we do a rooftop garden on the parking garage?
A: Nobody has ever brought this up. The walls are 8-10ft tall so it might be tough. We have considered 1) putting a roof on it and 2) installing a solar array if a roof is put on it.

Originally the garage was designed to be heated (no plugins, air blower doors, etc.).
- It never really worked and people had to cold start their vehicles so headbolts were put in.
- There happens to be near the air monitor nearby for the borough.
- Set up for steam heat; that price has gone up.
- The garage stays 0 to 10 above overall.

Q: Has an overpass to the CTC building been considered?
A: It’s been looked at. The cost will be in the $450,000 range. It hasn’t been designed yet, but we have a rough sketch and a rough price. We are working closely with an engineer at Design & Construction that works at CTC. We are also working with the city to get a push-button pedestrian walkway for those that walk out of the garage.

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**Guest Speaker Martin Klein: Energy Upgrades on Campus**

There are 70-ish buildings across campuses that have energy issues.

Students are brainstorming solutions, but there is an issue with these projects is size and scope.

The heat load on the new Murie building is coming in at 30% of the load Reichart (similar size & function)
- The difference is the vents/hood fans in labs. In Reichart the air is shot out, in Murie there is a heat recovery system.
- They might try to bring a portion of this project to RISE and work with others.

The Taku bus shelter was built & designed by students.
- Currently heated electrically and has only 6” of insulation in the ceiling.
- We can’t bring steam to it.
- Would be a perfect student project to do an energy audit and work to find a solution.

Adding smart plugs and additional metering to encourage more competition in dorms is a project idea that has come up.

Facilities had commercial energy audits done over the past year across campus.
- As a result of that they did lighting and fan upgrades.

Q: LED street lights – have we looked at this?
A: Yes, we have received funding and they will be going through this summer. All of campus on roads – not in lots though.

Q: Has there been a feasibility study done for a heated parking garage in Nenana?
A: They are talking about doing one outside of Eielson/Signers. The new engineering building took away 40 spots. It could be heated with waste heat from the lot. Numbers have been penciled in, but there hasn’t been a study or a design.
**Guest Speaker Martin Klein: Vehicle Upgrades on Campus**

Always looking to replace the University fleet & encourage smaller vehicles.
- The reality is that they just get requests for giant fancy trucks anyway.

We do have hybrids, which are working well and are considering moving towards plug-in hybrids.

Garbage truck is going to need replaced (diesel).
- Natural gas has come up but probably won’t work because of cost. The compressed natural gas is nice – quiet, emissions good, etc.

- Hydraulic cylinder has come up as well – these work for busses and garbage trucks.

Issues
- There is an issue with the space – anything within 18” of the ceiling must be explosion-proof.
- The closest fueling station is in north pole. We are also looking at this option for buses.

Q: Have we looked at Biodiesel?
A: We haven’t looked into it. The consistency of the fuel quality is an issue & Biodiesel has fallen out of favor.
- 8 years ago this idea was brought to Facilities.
- The processing facility couldn’t be set up because of safety issues (lye, methanol, etc).

**Electric Bus**

An electric shuttle proposal is being written. 6 month.
- Nadine Winters has been working over the year to look for funding sources to share a hybrid with the borough.
- The regular funding wasn’t available, but she’s talking about using CMAQ funds.
- It’s moving along, but a slow process.

**Polar Express Bus Pass**

The grant for (3 yr) for the Polar Express bus pass is going away June 30th.

UAF is under the impression that OoS is willing to partially fund this. Before this is who paid for it. They are moving forward with the idea the OoS is funding 50% of it, and the vice-chancellors office will fund the other half. When we did it before the payment was due in September.

Q: Do we HAVE to fund summer? Or can we just do September through May?
A: To change things we would take the chancellors buy-in. Borough ridership has continued to grow, even in the summer. So no, we don’t HAVE to. However, the contract is being written this way now.

**App Challenge**

We had 15 applicants and 13 presented.

Covered by the Newsminer, Channel 13 and Channel 11

Selected 2 winners, Map Post (Erik Williams) & Transit Track (Dallon Knight).

We will be kicking off Map Post for earth day and developing Transit Track over the summer.

We hope that we can do this again.
**FMATS & GreenWays**

Greenways/Trails map will be out for comment soon.

FMATS need volunteers to count bikes & pedestrians.

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**Topics for Next Week’s Agenda**

Next week 3 students are coming in during the RISE meeting.

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**Actions**
**LOGISTICS**

Date: 2/20/14

Meeting Start Time: 1:00pm

Meeting Stop Time: 2:01pm

Members Present:
Yasmeen Hossain, Chair  
Michael Magdan, ASUAF President Designee  
Wyatt Hurlbut, Vice Chair  
Rodney Guritz, Student  
Isaac Thompson, Student  
Michele Hebert, OOS Director  
Christin Anderson, Student  
David Fazzino, Faculty Rep.  
Ian Johnson, Student

Members Absent:
Anne Williamson, ASUAF Office Manager  
Ben LaRue, Community/ Chancellor’s Selection  
Ian Olson, Staff Rep.

Guests:
Christi Kemper, OOS Admin. Assistant  
Erik Williams, Student Coordinator for Brendle Group SMP  
Ben Abbot, Student  
Paul Gil, Student  
Abdel Abouhaib, Student  
Alexander Bergman, Student

**MEETING SUMMARY:**

**Student RFP Presenter: Abdel Abouhaib**

Writing an RFP to help the ASCE student organization pay for project materials.

The UAF chapter of the American Society of Civil Engineers (ASCE) is a student club.  
- Often a top school in competitions  
- Do a lot of outreach both on campus and off campus, engineering is big at UAF.

This year they are pushing for all projects to be 100% recycled and/or sustainable  
- Want to work towards UAF being able to make its own recycled glass aggregate & recycle steel when things are broken down.

Steel Bridge Project  
- 75lb bridge can hold up to 25000 lbs, should 20-30 feet.
- Recycled materials from older bridges, 100% refurbished

Concrete Canoe Project
- Made from pellets for this crushed recycled glass.
- Most concrete is mined product.
  - This product also insulates very well and is cheaper than most concrete aggregate.
  - This concrete is designed to work with permafrost in Alaska.

Q: Is there any chance of incorporating recycled plastic into one of these projects?
A: No, at least not this year. We are sticking with recycled glass for now, this has been our focus and we have put in over 500 hours.

Q: Who do you contact for glass?
A: K & K Recycling

Questions? E-mail Abdel Abouhaib abdelr81@yahoo.com

**Student RFP Presenter: Ben Abbot**

The Green Bikes program has wanted a short-term solution for people that don't want to keep a bike long term and be responsible for its upkeep.
- Ben has been talking to FairBikes, a bike sharing company debuting in Fairbanks, for the past year.

Program Overview:
- Point A to B bikes system.
- Bikes move freely throughout the community (not just at UAF).
- These are “smart bikes” that have GPS trackers & locks built in.
- Members can ride 30 minutes or less for free, costs $1.50 every 30 minutes after.
- Memberships are bought for $75/year.
- Bikes are maintained by FairBikes
- Bike balance is managed by the company so bikes are redistributed throughout the city if they end up in one place.

Have worked out a pilot program possibility for UAF students, it will be half off and last during the school year. This would be a one-time pilot and will be assessed at the end of the year.
- This would create 1000 supplemented UAF memberships ($40/each).
- We could also decide to give away memberships to students for free.
- Swipe card program will use Polar Express and create personalizes it and creates statistics (kcals, co2, etc)
- Total cost would be $40,000.
- This will help build a campus network.

The money will have to be processed through the Office of the Bursar.

The program uses existing bike racks. Bike racks can also be mixed use (member bikes & personal bikes).

Question: do we need 1000? This number was reached through research and also by looking at what they need to break even.
Q: Is this necessary with the presence of the Green Bikes program on campus?
A: This program reaches a different population because there is no responsibility for the bike.

Some RISE Board members feel like the interest may warrant a smaller number.

Questions? E-mail Ben Abbot benabbo@gmail.com

Student RFP: Alexander Bergman

Xander has several ideas for RFP's this semester.

Idea 1: OoS needs an additional electric cart for recycling & the Nanook Grown programs.
- Facilities Services uses them as well.

Idea 2: Building a root cellar on campus. Excess produce is generated during the summer in the Nanook Grown garden. If we had a stable storage space we can then keep the market going well into the winter. The greenhouse could also use it to store tubers through the winter.

There has been interest at the Sustainable Village to put a root cellar and the space is there.

With the Chancellors Food Committee being kicked off this could be used as away to get more local food on campus - a big problem has been with finding storage.

Q: Has anyone asked at the farm about seeing if we can retrofit something already there?
A: No.

Q: Could we offer this to people that have garden plots?
A: Only if a solution to managing the space (cleaning it, security, etc.) could be found.

RISE Board suggestion: look into other preservation methods. The Sustainable Village is considering a canning training program for residents.
- Michele suggests organizing this through the cooperative extension.

Questions? E-mail Alexander Bergman aksbergman@gmail.com

Student RFP: Paul Gil

Paul is in the Power Electronics program here at UAF. He is looking at finding a way to get the last bit of charge out of super capacitors (which are alternatives to batteries). Currently this power is wasted.

Items needed: microscope $500 / specialized solder rework station $500 – low $1000’s.
- The total needed will be less than $5000

RISE Suggestions:
- Talks to his department first about paying for these things.
- Find another dept. to borrow the microscope from.
- Make a direct link to a specific sustainability-focused project with visibility to increase chances of funding.
- Could also do TAB loan for these items.
- Include the application of the project in the proposal.

**Student RFP: Christin Anderson speaking for Jenny McDougal**

Writing an RFP to create a “free store” to run continuously (like a year-round free market)

Would be run by either volunteers or OoS employees. Possibility that money from LIVE office could be used for a 2 year paid position.

Money requested for:
- A live webcam could be present so that people can see what is up for grabs.
- Clothes racks
- Shelving and bins
- Possible salary

Benefits of a Free Store vs. the Free Market
- Concentrates on extending the life of items instead of rushing to get things just because they are available for free.
- Reduces waste & increase savings.

Problem: it is extremely hard to police these types of things; i.e.: what to do with donated items that are unwanted.
Solution: The free store would empty into the free market and/or gear swap each year.

Problem: Historically RISE does not fund salaries for proposals.
Answer: Michele is willing to utilize our employee. Recycling crew can rotate thorough the store.

Problem: Location
There are security & space issues with having it in the Tilly. No space in the Wood Center. MBS requires access cards and so wouldn’t be available to everyone.

Questions? E-mail jamacdougall@alaska.edu

**Movie Night Recap**

Movie night had good turnout, 10+ people came.
However, they didn’t have anyone there to talk about the RFP and why the event was happening.
They did hand out flyers and talk to people about what they knew.

**RISE Social Event**

March 7th
LOGISTICS

Date: 11/14/2013

Meeting Start Time: 1:00pm

Meeting Stop Time: 2:00pm

Members Present:
Yasmeen Hossain, Chair
Wyatt Hurlbut, Vice Chair
Michele Mouton-Hebert, OOS Director
David Fazzino, Faculty Rep.
Christin Anderson, Student
Isaac Thompson, Student
Michael Mansel, ASUAF President’s Rep

Members Absent:
Anne Williamson, ASUAF Office Manager
Ian Olson, Staff Rep.
Ian Johnson, Student
Ben LaRue, Community/ Chancellor’s Selection
Rodney Guritz, Student

Guests:
Christi Kemper, OOS Admin. Assistant
Erik Williams, Student Coordinator for Brendle Group SMP
Kristoffer Nystrom, Student
Tomas Nichols, Student
Alexander Bergman, OoS Employee
Abdel Abuharib, Student
Jan Dawe, Research Faculty

MEETING SUMMARY:

**Student RFP: Kris & Tomas**
CTC Parking Garage LET Conversion

Kris and Tomas are both Civil Engineering students and employees at Design & Construction.

The UAF parking garage located downtown across is currently lit by high pressure sodium fixtures.
- Light doesn’t penetrate very well
- Lamp shade creates extra heat & makes ballasts fail
- Lots of labor to maintain
Kris & Tom would like to replace all of these fixtures with LED lighting.

- Lower power draw,
- Brighter & more even lighting – will lead to better utilization of the garage.
- Very low maintenance (need replaced roughly every 10 years)
- RISE has already funded the replacement of 37 of these fixtures.

Reasons to fund the project:

- Project is strong because it has been partially done (and successful) already.
- Contractor will be in charge of all ordering, etc. so the effort needed by the OoS will be minimal.
- If funded this project will save energy, increase utilization of the garage, and save money.

Cost is roughly $700 per fixture & they need a total of $53,800 to finish the project.

Implementation Timeline

- March: secure funding
- April: put the contract out for bid & award contract
- June: install the lights.

Outreach Plan

- KUAC
- SunStar
- NewsMiner (maybe)
- Place a RISE/Sustainability banner up on the building.

Q: Is RISE replacing the light bulbs entirely? Or are we making up the difference in cost vs. just replacing them with more high pressure sodium bulbs?
A: We are asking for money to replace the light fixtures, not bulbs (they aren't interchangeable). We need to change the whole system over. There is no current plan to do any re lamping with the high pressure sodium bulbs, so if this project isn’t funded they the old inefficient system will stay in place.

Q: All of the spaces in the garage aren’t used. Why should we replace all of the lights?
A: We believe that this project will increase utilization. In addition to this the lights have both light harvesting and motion detection sensors, so they will save even more money & energy in areas where nobody is parked. Currently all lights must be turned on all of the time for safety reasons.

Q: Do we have numbers for the utility cost differences?
A: No.

Suggestions by the RISE Board:

- Include numbers in the proposal if possible. Cost savings are especially useful when promoting sustainability.
- Provide a more detailed outreach/marketing plan.
- Include info about how much better LED lighting has gotten in recent years.

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**Jan Dawe – Faculty RFP**

Jan is a research faculty member with the Forest Sciences department and represents the OneTree project at UAF.

- She would like to know if her project fits the criteria for the RISE Faculty RFP.

OneTree is a K-20 project focused on getting kindergarten -college age kids connected with the forest.

- The goal of this class is to get a course focused on the sustainability of the boreal forest established.

  - Has a huge sustainability/conservation component.
  - The project started in July 2009 with the idea of cutting down 1 tree and utilizing it with 0 waste.
  - Past projects include tree planting in classrooms
  - Future project may include Arbor Day tree planting with the OoS
  - This program plays a KEY role in UAF’s STARS rating.

**OneTree: Sustainability Practitioners (NRM 593)**

- Professional development program for teachers, has a peer teaching component.
- Takes place in the summer.
- This year they will be creating a trail walk book.
- Want to add an additional 6 UAF students to the course.

The total amount being requested is $10,000.

- $5,000 for student scholarships
- $2,000 to partially pay the course evaluator (essential step for the course to continue)
- $1,000 for production costs
- $1,000 for the production of OneTree portfolios
- $3,500 for K-12 classroom supplies

Q: The students will be getting some sort of award. Traditionally we don’t do this. Should we now?
A: This is tuition, not a regular stipend. The students do not get this money in a spendable form.

Q: Do you expect to get more students because of this?
A: Yes. We want these 6 students if possible. They may not be able to afford to participate in this program otherwise.
This money will take us to the next level of funding.

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**Student RFP: Abdel Abuharib**

Abdel is here to give a brief update about his proposal.

Currently they are adjusting their proposal to focus more on outreach.

- Adding posters that advertise the OoS and RISE Board
The cost for the bridge project (about 50% of the total) has disappeared - UATC has given them $10,000.

AGC has given them up to a $5000 match for RISE funds.

SPE has given $2500.

The College of Engineering & Mines will match 150% for whatever RISE will give.

They will be writing 2 research papers about the sustainability of the projects.

They would like to present at AASHE.

Student RFP: Christin Anderson Free Store Update

The proposal is going forward.

Have met with the people that run the Really Free Market; they are very supportive of the project.

They won’t need to do the Winter Warm Up (winter free market) anymore if this is funded.

Finding space is an issue.
  - The Wood Center is not available.
  - Downstairs in Lola Tilly once food services moves out is the first option.
  - The OAA cabin’s basement may be an option as well.

OneTree Program Birch Syrup Project

The OneTree program needs a student from the school of Engineering to help with their project.

They have been developing a way to turn birch sap into syrup using excess steam from the power plant.

Ideas for Promoting Programs

Send out a program info on the campus wide employee listserv.
  - Marketing does not want us to do this. They want us to use Corner Stone.

Have a “Green Your Office” workshop during staff appreciation week.

Have the Green Department Certification program mentioned at new employee orientation

RISE Proposals will be voted on next week!
-RISE Board Meeting Minutes

LOGISTICS

Date: 03/06/14

Meeting Start Time: 1:10pm

Meeting Stop Time: 2:00 pm

Members Present:
David Fazzino, Faculty Rep.
Ian Olson, Staff Rep.
Isaac Thompson, Student
Ben LaRue, Community/Chancellor’s Selection
Christin Anderson, Student
Michele Hebert, OOS Director
Wyatt Hurlbut, Vice Chair
Yasmeen Hossain, Chair
Rodney Guritz, Student

Members Absent:
Anne Williamson, ASUAF Office Manager
Michael Mansel, ASUAF President Rep.
Ian Johnson, Student

Guests:
Christi Kemper, OOS Admin. Assistant

MEETING SUMMARY:

Student RFP: Environmental Slam / $2500

Summary:
Public competition for UAF comm & others to present issues. An award is given to the top three issues.

Cost Breakdown:
Awards: $800, $500, $300
Refreshments: $600
Advertising: $300

Discussion:
- This is a neat idea for outreach & engagement.
- Concerned about the amount of the awards, might not be necessary for the level of engagement.
- Concern about the amount that goes to overhead at nonprofits.
- Some RISE members are comfortable with this, still helping a cause.
- Proposal is weak in the area of helping UAF, the Office of Sustainability and the RISE Board.

Vote:
Yes = 5 / No = 2

Student RFP: Fairbikes Sponsorships / $41,000
Summary:
This proposal buys 1000 one-year student sponsorships for the Fairbikes short-term bike sharing program coming to Fairbanks. We can give these sponsorships away for free or provide discount & recover some of the cost.

Discussion:
- RISE Money is seed money for longer programs, not for ongoing funding.
- This program might be cost prohibitive for students in subsequent years ($75/year).
- They are probably going to put at least one station on campus anyway; this program is definitely coming to Fairbanks.
- RISE isn’t sure if there will be 1000 people willing to participate in the program.
- It might be good to wait until next year so that we have actual numbers of participants.

Vote:
Yes = 1 / No= 6
Motion to fund the proposal at $22,000 with stipulation that we pass part of the cost on to new members.
Yes = 5 / No= 2

Student RFP: Waterless Urinal Trial $11,000

Summary:
This proposal requests funds to buy 10 test waterless urinals to install as current urinals go out of service.

Cost:
$500 advertising
$4000 for ten urinals
$6500 for installation

Discussion:
- Q: Does this have a support of someone in Facilities Services? A: Yes, this is supported by Facilities because it is a trial.
- We should probably fund extra because construction-based projects have a tendency to go over.
- We would like to see one of these go into each building at the ground level instead of all in one place.

Vote:
Yes = 6 / No = 1
Motion to increase the amount of funding for this project to $20,000
Yes = 6  No = 1

Student RFP: CTC Parking Garage / $53,800

Summary:
This proposal will fund installing 2 more floors of LED lighting in the CTC Parking Garage.

Discussion:
- It should be Facilities role to pay for this.
- We should get some kickback from the savings if we fund this project.
- There won't be much advertising for us if we do this.
- Not many people use that parking garage.
- Lighting on campus is a big area of improvement.
- This fits the overall mission of sustainability at UAF, but not the RISE Board so much.
- This is worth funding as a demonstration of improvements made with LED lighting.
- This project has less strategic value than most.
- This is nice because we don't often do anything for CTC even though they pay the fee.
- This creates a direct savings because power is bought from GVEA for this garage (not our own power).
- This entire proposal was started because WE WENT TO THEM and asked them if we could fund a project for them.

Vote:
Motion to approve this project in full with the stipulation that cost savings are reported back to us.

Yes = 5 / No = 2

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**Student RFP: Electric Campus Shuttle - $36,585**

Summary:
This proposal requests funds to buy an ADA accessible electric shuttle for summer use. We have funded $17000 in electric shuttles in the past that have NOT gone through.

Discussion:
- We could get a solar panel put onto it later.
- This is more of a profile piece. 6000 – 8000 people would see this regularly and we could put a wrap on it.
- Some members worry that because of coal power plant it doesn’t quite save pollution.
  - It saves the pollution that would otherwise be coming from a gas-powered shuttle. Can also be solar powered.
- Facilities will house it.

Vote:
Motion to approve the full amount with additional funds for an automobile wrap with UAF Sustainability and solar panel.
$45,000 total.

Yes=7 / No=0
**Student RFP: Palmer Center for Sustainable Living Wind Turbine/Solar PV - $31,000**

Summary:
This proposal is to fund the materials needed to build a wind turbine & solar pv system at the Palmer Center for Sustainable Living. The labor is going to be free.

Discussion:
- These students DO pay the sustainability fee and they are UAF students.
- We should have them do marketing for the project in Fairbanks if this is funded.
- How many students will actually benefit from this? 50 or fewer UAF students down there.
- It sounds like, while its written by UAF, and is a UAF facility, a lot of the people benefitting would be from UAA/Mat-Su.
- Q: Does UAF have anything like this we could be funding instead? A: Yes. It is at the CTC Training Center.
- This IS in line with the energy mission of RISE.
- There isn’t going to be a huge revenue coming from those students.
- This is not a very visible project.

Vote:
Motion to approve with the stipulation that advertising is done in Fairbanks and that advertising in Palmer addresses Fairbanks & RISE.
Yes =6 / No=1

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**Student RFP: Electric Cart for the Office of Sustainability - $12,420**

Summary:
The OoS needs an additional electric cart for summer activities & hauling recycling. There will be a huggy bear sticker on it.

Discussion:
- Q: Can we add a solar roof? A: Yes, Michele says that it is $180 extra.
- The students should investigate a solar charging station for all carts.
- We should ask Facilities if they need any more for their fleet so that we save on shipping.

Vote:
Yes=7 / No=0

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**Faculty RFP: Course – Developing a Generation of Sustainability Practitioners - $10,000**

Summary:
This faculty proposal is to providing funding to help create the new course NRM 593 (OneTree). The participants in this program go out into the community to work with K-12 students on tree-focused sustainability projects.

Discussion:
- Q: Is this a continuing education course or grad student course? A: It is grad student, the goal of the course is for grad students to partner with continuing education students.
- It might be better to fund just the actual course come fall and the evaluator ($6500) IF there is a deliverable to us.
- This seems more like the type of thing that should be funded by ecology or biology – not RISE.
- Courses like these are an important aspect of our high STARS rating. The OneTree Program is important as well.
Vote:
Motion to fund $7,500 of this proposal for the evaluator, practicum, and k12 supplies.
Yes=6 / No=1

Motion to fund this project at the full level requested, $10,000
Yes=4 /No=3

Student RFP: Drying Racks for Village $150

Summary:
This proposal would fund a drying rack for the Sustainable Village. Using a drying rack for clothing will reduce the amount of energy used by students that live in the village.

Vote:
Yes =7 / No=0

Student RFP: FreeStore - $5000

Summary:
This proposal would fund an Free Store stocked with donations and staffed by the recyclers.

Discussion:
- There is no location confirmed yet, the biggest potential cost will be for renting a space.
- Q:How do we deal with the program not being self-sustaining? A: We can make it into a student club.
- The Really Free Market people have been discussing this for a long time.
- We might be able to get Residents Life to take this over.
- The store will empty into the Free Market every spring.

Vote:
Yes=6 / Abstain=1

Student RFP: Structurally Sound Sustainable Engineering - $2,375

Summary:
Fund the steel bridge & concrete canoe competitions. These are sustainability focused projects – both use recycled materials.

Vote:
Yes

Decisions Made

The RISE Board will fund the Environmental Slam student proposal for the full amount of $2,500.

The RISE Board will fund the Fairbikes Student Sponsorships student proposal at $22,000 - half of the requested amount.
We will pass on part of the cost of membership to individuals that sign up for the program.
The RISE Board will fund the Waterless Urinals student proposal at $20,000 – 45% over the original amount requested. Extra funds will pay for additional construction costs.

The RISE Board will fund the CTC Parking Garage student proposal for its full amount, $53,800.

The RISE Board will fund the Electric Campus Shuttle student proposal at $45,000 - 19% over the original amount requested. Extra funding will pay for an automobile wrap and a solar panel.

The RISE Board will fund the Palmer Center for Sustainable Living Solar & Wind student proposal for its full amount, $31,000. Advertising must be done in Fairbanks and advertising in Palmer must address UAF and the RISE Board.

The RISE Board will fund the Electric Cart for the OoS student proposal for its full amount of $12,420.

The RISE Board will fund the OneTree Course Development faculty proposal for its full amount of $10,000.

The RISE Board will fund the Sustainable Village drying racks student proposal for its full amount of $150.

The RISE Board will fund the Free Store student proposal for its full amount of $5,000.

The RISE Board will fund the Structurally Sound Sustainable Engineering student proposal for its full amount of $2,370.
RISE Board Meeting Minutes

LOGISTICS

Date: 03/13/14

Meeting Start Time: 1:00pm

Meeting Stop Time: 2:03 pm

Members Present: Ben LaRue, Community/ Chancellor’s Selection
    Christin Anderson, Student
    Michele Hebert, OOS Director
    Wyatt Hurlbut, Vice Chair
    Yasmeen Hossain, Chair
    Ian Johnson, Student
    Rodney Guritz, Student
    Michael Mansel, ASUAF President Rep.
    Ian Olson, Staff Rep.

Members Absent: Anne Williamson, ASUAF Office Manager
    David Fazzino, Faculty Rep.
    Isaac Thompson, Student

Guests: Christi Kemper, OOS Admin. Assistant

MEETING SUMMARY:

Minutes: All approved

Proposal Recap:

This semester our call for proposals was successful

12 people submitted proposals

15 participants at the workshop and many people hung out at the Sustainable Village afterwards
Changing Meeting Frequency

It has been suggested that the RISE Board meeting fewer times per month and have longer meetings.

We could make meetings more strategic instead and shift the little things to the OoS instead of voting on them.

Shorter meetings would potentially make it easier to meet quorum.

Large amounts of time currently is spent talking about administrative stuff.

We could recap past month (or two weeks), make a list of items to move forward on, have guests, etc. This would take more legwork in between but things would be moved forward more quickly.

Weekly 1-hour meetings are over-engaging the board, they are getting caught up on too many small things.

Suggested meeting times
1) Meetings should be held monthly for 3 hours.
2) Meetings should be held 2x per month for 1 hour
3) Meetings should be monthly for 3 hours BUT there should be an option to call extra meetings if needed.
4) Meetings should be held 2x per month for 1.5 – 2 hours.

If meetings were monthly attendance would have to be guaranteed - it may be too hard to catch people up if the meetings were missed if they were this far apart. It would also not allow the OoS to ask the Board for help if needed.

Q: Is it possible for small issues, like meeting minute approvals to be done through e-mail?
A: No. It is better if all votes are done in person so that discussion can happen.

The majority of the board feels like meeting 2x per month for 1.5 hours each time would be best.

RISE Member Selection

We have an application. We also have two openings.

The selection committee (ASUAF) goes over applications and selects members.

Q: Can we do a 2 week ad for RISE memberships?
A: Yes. Online, radio, booths and SunStar ad.

Q: Should we invite her to come and sit as a voting member until she is approved?
A: No, but we can invite her to come sit in on meetings.

Q: Can people stay until the end of their term if they graduate?
A: It isn't an issue, nobody has ever wanted to.
**Engineering Solar PV**

There is correspondence saying that the Board has approved this.

The project is going to take $100,000 of the budget next year.

RISE decided they wanted the new engineering building to have sustainability features. LEED cert, solar panels, water bottle filling stations, etc. The project moved forward so quickly that the OoS was tasked with figuring out the details.

Students discovered the cost of panels would be the same as concrete facing.

Wanted a metering panel and a plaque added for advertising.

**Surplus Budget FY 2015**

Michele doesn’t know if we will have a surplus next year, we need to do the math and make a report.

Michele & Christi will make a report and present it at the next meeting.

We need to create the budget for the next year and vote on it fairly soon.

**Earth Day**

This is historically a board-planned thing, so we have past events to help us plan this year.

Suggestions for events during earth week:
- Concert at wood center
- Lightning talks
- Guest speakers

Saturday will be a fair on this deck with booths, band, BBQ, etc.

Q: Do we need a subcommittee to plan Earth Day?
A: Yes. Ian Johnson, Christin Anderson, Wyatt Hurlbutt and Michael Mancill would like to be there if possible. Rodney will help too, but not be on the subcommittee.

Michele: we have 4 people on staff focused on the Murie 0 waste, so there isn’t any time for the office to do anything.
**Marketing Subcommittee**

Erik & Mary have been pulling together documents for marketing at the office.

Does anyone want to be on the Marketing subcommittee? Or should the board just do working sessions?

Michael Mancill will be on the committee.

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**Working with the Fairbanks Rescue Mission to Recycle 1 & 2 Plastics**

The program could definitely utilized for plastics at UAF, but issues need to be addressed.

There are strict requirements for this. Items must only be #1 and #2 plastics, must be emptied of all old contents.

Michele is mostly concerned about the manpower required for sorting out the correct plastics.

This will take incredibly aggressive marketing/education.
- Thought about having RA’s do this, but it wouldn’t be okay with Res Life.

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**Updates from the OoS**

Tons of legwork has been involved with the carbon footprint survey. We have had up to four students working on it at a time.

These same students were shifted to the Murie building project.
- Met with Murie building coordinator and other department and building personnel.
- Currently working on identifying and addressing concerns right now.
- Also working on buying bins and will be creating educational materials.
- Working towards composting, recycling, purchasing reduction, etc.

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**Other Items**

Students want to do a summer RFP and will be presenting about it next week.

Murie has a $60,000 budget that hasn’t been officially approved.

The Brendle group will be here in two weeks and will be looking at campus to start on a more detailed waste audit quote.
The Board has been invited to go down to CTC to see the wind turbine

The Board has been invited to go to the rescue mission and tour their plastics recycling program.

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Next Meeting

There will be no meeting over spring break, we will meet Thursday the following week, and then we will make changes.
RISE Board Meeting Minutes

LOGISTICS

Date: 03/27/14

Meeting Start Time: 1:02pm

Meeting Stop Time: 1:51 pm

Members Present: David Fazzino, Faculty Rep.
Isaac Thompson, Student
Christin Anderson, Student
Wyatt Hurlbut, Vice Chair
Yasmeen Hossain, Chair
Ian Johnson, Student
Rodney Guritz, Student
Michael Mansel, ASUAF President Rep.
Ian Olson, Staff Rep.

Members Absent: Anne Williamson, ASUAF Office Manager
Michele Hebert, OOS Director
Ben LaRue, Community/ Chancellor’s Selection

Guests: Christi Kemper, OOS Admin. Assistant
Lisa Strecker, Student, Chancellor’s Food Committee Member
Azara Amohammadi, Student, Chancellor’s Food Committee Member
Alyssa Englerle, Student, Chancellor’s Food Committee Member
Sophia Walling-Bell Student, Chancellor’s Food Committee Member
Xander Bergman, Student, Chancellor’s Food Committee Member
Britta Hamre Student, Chancellor’s Food Committee Member
Alexa Hinzman, RISE Board Applicant

Approval of Minutes:
All Approved

Chancellors Student Food Committee:
Introduction: Petitioned for local food on campus. Chancellor didn’t sign it, but asked for the food committee to be formed.
Goal: Increasing awareness of arctic food security issues and using UAF’s purchasing power for leverage to get more local foods on campus.

The group is interested in applying for summer funding for installing a root cellar on campus. Also have an idea for a “Harvest the Campus” event.

Invite for the CFC to host an event/booth/etc. for Earth Day.
If you work with the culinary arts club on campus they will source locally.

Q: What do you want/need from the board right now?
A: We don’t know. Last year we voted not to do summer anymore because of the amount of work be the OoS. We aren’t sure if we would get enough proposals or if we have the budget.

Q: Is there a possibility to fund the Chancellor’s food committee like we do Green Bikes?
A: This seems like something that would be in line with our mission. We would like to fund any student group that shows this kind of initiative.

Brendle Group SMP Workshops: Overview from Wyatt Hurlbut

These last two half-day workshops were brainstorming sessions to identify goals for the SMP.

It was very neat to see the people at the table. There were one or two holes because of conflicting schedules, but it worked well. They came up with the same needs that we recognized when we sought out the Brendle Group in the first place.

Communication was brought up often. All across campus there is a need for 2 way communication.

We got to speak with the Sustainability in the Curriculum Committee. They said that, if they had faculty champions for sustainability, they would be more likely to support it.

Other groups that were gathered had not thought about sustainability at all before. In the HR group, no ideas had EVER been discussed before, but were brought up during the meetings. Example: incorporating sustainability training into staff training.

Procurement thinks that they could decrease the amount of packaging bought by UAF by up to 50%.

We may have access to a 2mil grant for smart head bolts on campus. They meter the amount of energy needed/used by each car and cycles based on temperature. They also provide feedback on parking dynamics using WiFi.

In transportation, the Director of Athletics said that they couldn’t do anything, and that if they tried there would be too many people fighting against it.

20% of Borough Ridership for the MAC bus

Over the next week they are going to use data collected from these sessions to start creating our plan. This identified the vision, goals, and strategies.

The peer institutions they chose were interesting - University of Saskatchewan, Duluth, etc.

Apparently our water usage is through the roof compared to other universities. Dry cabin dwellers may be partially responsible; we also use a lot for large animal research and steam heating. Numbers based off of population and square feet, don’t include degree days.
New RISE Board Meeting Schedule

There is no 90 minute window that works for everyone. Another poll will be sent out that shows the days/times that work for the MOST people, everyone can look at schedules and double-check that they really can’t be there.

We will meet next week as usual.

Green Carpet Awards

Trophy thing needed.

These awards existed a while ago.

This time we will have 3 categories - Faculty, Staff, and Student.

This award is intended for individuals that show commitment to sustainability on campus.

There was supposed to be a call for nominations soon.

Motion to allocate $1000 to awards, food, etc. for the function to take place

Ian motions, Isaac seconds.

YYYYYYYY

Waterless Urinal Grant

The Board gave the grant recipients extra money for extra construction costs.

They do not need this money and are now proposing that they get dual flush handles for women’s bathrooms with the extra funds.

This will be voted on next week.

Faculty Position on the RISE Board

Dave is stepping down. We would like to have a send-off party.

Must happen before May 22. Early May is best.

Rodney volunteers his house. So does Wyatt.

Big grill out.
Date:
4.3.2014

Meeting Start Time:
1:00 pm

Meeting Stop Time:
2:01 pm

Members Present:
David Fazzino, Faculty Rep.
Christin Anderson, Student
Wyatt Hurlbut, Vice Chair
Yasmeen, Hossain, Chair
Ian Johnson, Student
Rodney Guritz, Student
Michael Mansel, ASUAF President Rep.
Ian Olsen, Staff Rep.
Michele Hebert, Director of Sustainability

Members Absent:
Isaac Thompson, Student
Anne Williamson, ASUAF Office Manager
Ben LaRue, Community/Chancellor’s Selection

Guests:
Christi Kemper, OoS Administrative Assistant
Michaela Swanson, OoS Student Employee

FY 15 Budget:

Income:
- Student Sustainability Fee = appx $250,000 (less last year)
- Chancellor’s Match = appx $250,000
- Green Bikes = appx $6000
- Solar Panels = appx $2100
- GVEA = Unknown, probably will be between $2k & 4k

Questions from the RISE Board:
Q: Are funds from the Chancellor guaranteed?
A: Yes.
Q: Will we have any rollover?
A: No. For the first time ever, we have spent our entire budget AND committed much of next year’s funds.

Expenditures: Employees
- The number of student assistants employed by the office was reduced to 9 last year, this number is the same for FY 15.
Expenditures: Travel
- Includes 2 trips to the lower 48 and 1 to Anchorage.
- Also includes some money for student travel to AASHE.

Expenditures: Commodities
- Includes computers, event catering, office supplies, promotional items, etc.

Expenditures: Services
- Includes telephone, printing, work orders, etc.
- This number has been pretty consistent.

Expenditures: AASHE and STARS
- These are flat fees and can’t be adjusted.

Expenditures: SunStar Fees
- We reduced the SunStar budget for next year.

Expenditures: Recycling Program
- Annual recycling program costs have traditionally been more than allotted for FY15.
- To save this year we will cut back on how often we are using the vehicle.
- Our free vehicle was taken away this year.
- Recycling Program Supplies include items like bags & bin parts.

Expenditures: Green Bikes Program
- This estimate is greatly lower than what we normally do. This is one third of what we have spent this year.
We don’t know how we are going to get by with this low of an amount spent for parts.
Facilities has been cut by 1/3 – replacing door handles, wiring, etc.
The rest of these items are static fees.
- If we are going to do things this way we may need to look at raising the fee, or increasing revenue somehow.
We need to call a meeting with the Green bikes Steering Committee

Expenditures: Programs
- New student orientation usually includes brochures/water bottles/ that type of thing.
- Nanook Grown Market includes bags & advertising.
  - Generally this program breaks even and pays for itself.
- Sustainable Village budget was kept just in case they are asked to do a workshop, want to provide food for events, etc.
- Sustainable Art Show budget has been reduced and we made it into a once per year event.

Expenditures: Projects
- The Engineering Solar PV project has taken most of the funds next year.
- The Murie Zero Waste pilot project will take fees for paying the student assistant and advertising.
- Brendle Group SMP project is going to need money for the student assistant’s salary.
- Student proposal funds have been cut into by $200,000 because of commitments made for next year.
Murie Building: Presentation from Michaela

The Brendle Group is starting to move forward with the waste audit.

Zero waste budget:
- We will have large bins, a student employee, small bins, educational campaigns, and source reduction projects.

Examples of source reduction projects:
- Incentivizing waste reduction measures.

We are working to develop ideas before presenting them to the Chancellor.
- We want to get to 0 Waste, so we need to be able to measure where we are now and track as we improve.
- Most 0 waste campuses have intermediate goals – example would be 60% in a year, 80% in 3 years, and 100% in 5 years.
- This project should last through the 2014-2015 school year.

Last week we toured campus with Brendle Group to show them what waste disposal looks like in Fairbanks and how recycling currently works. They seemed a little bit shocked in terms of where we are at. This was a good pre-audit process.

This is a PILOT project. We will present this as a pilot to the Chancellor to show him what it takes and get him to roll this program over to Facilities Services. If they were given a budget for recycling, and had the infrastructure built for them, they would be able to take it over.

To move forward with the Murie Project & Brendle Waste Audit money is needed from the FY14 (current) budget.
- $36,000 is needed for the Murie project.
- $20,000 is needed for the Brendle waste audit.

Christin motions to move this program forward, to pay for both the Murie project and the waste audit. Dave seconds.
Votes: Yes = 4 / No=2

Vote on the FY15 Budget

RISE wanted to get summer programs onto this budget. Obviously we can’t do this.

We need a group of students to go to the Chancellor and ask him how they can make us sustainable.
- Basically we need to be able to take in larger amounts of money.
- We also need a way to reserve funds.

Motion to approve the budget it as it has been presented today.
Vote: Yes = 7 / No= 0
Date
4/24/2014

Start Time
1:00pm

Stop Time
1:59pm

Members Present
Yasmeen Hossain, Chair
Wyatt Hurlbut, Vice Chair
Christin Anderson, Student
Michele Mouton, Director of Sustainability
Ben LaRue, Community/Chancellors Rep.
Ian Johnson, Student
Michael Mancill, Student
Rodney Guritz, Student
Ian Olsen, Staff Rep.

Members Absent
Anne Williamson, ASUAF Office Manager
Isaac Thompson, Student

Guests
Christi Kemper, OoS Administrative Assistant
Eric Williams, Student Assistant & Chancellors Food Committee member
Tomas Nicols, Student & CTC Parking Garage proposal author
Kristoffer Nystrom, Student & CTC Parking Garage proposal author

Meeting Minute Approval
All minutes to date are approved.

CTC Parking Garage
Contract went out for bid, they are accepting today.

Came in under bid.

Going to put four signs in the garage.
- Brought samples for RISE to look at today.
- Going to be mounted right next to the doors of the stairwell at eye level.
- May put six signs up.
Banner was requested by the RISE Board.
- Largest banner possibility right now is 3’ x 10’
- Can also hang a 2’ x 8’ banner inside.

RISE Requests that the Huggy Bear be made larger. Option ‘C’ is the winner.

Publicity
- News Miner
- KSUA
- Sun Star article

**Summer Proposals**

Michele says that we have about $10,000 to spend on summer proposals if the RISE Board would like to do them.

This will eat up any possible carry-forward that may happen.

Generally we have 100k – 200k of carry over, but this year we will only have 10k.

Last meeting we discussed keeping the $10,000 as a buffer.
- Between annual leave, students reducing work hours, and projects coming in at a little less than anticipated, there is an extra $10,000 to be used for summer proposals.
- Central will take our extra money if we leave it to help another department.

Q: Why don’t we need to worry about the Chancellors $25,000 reserve?
A: Michele says that she recommends that the Board doesn’t worry about it and move forward.

Q: Can we spend the Chancellors money first next year?
A: No. Mike Sfragas office makes these decisions.

Michael motions for 10k to be set aside for summer proposals. Christin Seconds
Y Y Y Y Y Y Y

**Student Food Committee**

Should the RISE Board provide funding for the student food committee?
- They are requesting $1500 per semester right now.

If our goal is to promote sustainability we should not be providing ongoing funding for programs – it makes them dependent on us.

We can set this up with the requirement that they report back to us?

Michele would like this to go through the regular proposal process.
- The Art Show and Green Bikes both had to do this for 3-5 funding cycles.
Erik thinks that going through the proposal process would be beneficial for them as well.

**UAF Building Upgrades**
Michele would like Ben to give us an overview of the recent upgrades made to buildings across campus at a future meeting.

*Budget*
- 5 million dollar project
- ½ million dollar per year cost savings

3 weeks from now.

**Waterless Urinal Project**
We gave them a surplus for waterless urinals for construction costs.

They ended up having extra anyway.

Last time we were going to vote but lost quorum.

Motion to allow the money set aside for extra construction costs to be spent on dual flush handles in the women’s bathrooms.

YYYYYYYY

**Earth Day & Green Carpet Awards**
The BBQ & Booth Fair was a success! We had up to 49 people on the deck at one time & estimate attendance was 75-100 people.

The Nanook mascot was here. People that photographed themselves with it & tagged our office on Facebook got a coffee cup.

Run & Scavenge had three teams participate. All teams participated fairly equally in both aspects of the game. They cleaned up over 100lbs of trash in 90 minutes and had a great time.

Earth Day Pecha Kucha was fun. The Pecha Kucha group had more speakers and more spectators than ever before. They were very appreciative of our participation. Christi spoke briefly about the OoS and its programs.

The Green Carpet Awards were smaller than the other events. However, the catering was fantastic and we were able to speak a little about our programs and honor some individuals from outside the department.

Green Carpet Award Recipients were: Alexander Bergman & Ben Abbot (students); Bear Edson (staff); and Falk Huetmann (faculty).
New Board Member Elections

Alexa Hensman. Michele got the impression that she had lost interest. Ran into her a few weeks ago and she said that she stopped coming because she never heard anything about her application.

Three positions are currently open: student, community member, Faculty

Send out an e-mail to all Green Carpet nominees.

With summer proposals coming up we can advertise Board positions at the same time.

Need to get the selection committee meeting set up in advance. This needs to happen in a timely manner.

Also need to get the official roster set up. Christi & Michele will do this.

Who is NOT seeking re-appointment & wants to be on this committee?
- Wyatt will do this.

Michael will set up the meeting.

Meeting Next Week

1:00pm next week Brendle Group will be here.

2:00pm the Recycling Commission is having a meeting.
Date
6/5/14

Start Time
1:00pm

Stop Time
pm

Members Present
Yasmeen Hossain, Student, Chair
Wyatt Hurlbut, Student, Vice Chair
Rodney Guritz, Student
Christin Anderson, Student
Matthew, ASUAF President
Michele Mouton, Director of Sustainability
Ben LaRue, Community/Chancellors Representative
Ian Olsen, Staff Representative

Members Absent
Anne Williamson, ASUAF Office Manager
Isaac Thompson, Student
Ian Johnson, Student
Falk Huestman, Faculty Representative
Raif Johnson-Kennedy, UAF Community Representative

Guests
Christi Kemper, OoS Administrative Assistant

Introduction of Matthew
Math & Economics student.
Thinks Sustainability is important and wants it to become an ASUAF priority over the next year.
Big fan of green bikes program.

Summer Proposals: Fat Bikes for Green Bikes

Requesting: $7,050

The UAF Green Bikes program would like to purchase an additional 4 Fat Bikes.

Discussion:
- The Green Bikes program is one of the strongest programs we have. It is also our most visible program. If they are having trouble meeting demand with bikes this is a good thing.
- It would be good to see if the Green Bikes program can provide a plan/path for the self-sufficiency of the program. If that path is buying more Fat Bikes, great! However, if there is a better way to spend that money. This could be an enhancement to the program, but it may not be the best way to spend money on them.

- The Green Bikes budget was cut by about 60% this year. They are responding by asking for Fat Bikes because this is the rental type most likely to generate enough money to help maintain the program this year and in the future.

Votes:
No: 4
Yes: 1
Yes at 50% level: 1

The RISE Board voted to NOT buy Fat Bikes for the Green Bikes program. The RISE Board requests that the program work on a business plan for the Board to look over and vote on.

Summer Proposals: Big Belly Solar Compactor

Requesting $12,000

One movement at a lot of universities to make recycling more affordable for the institution by cutting labor costs.

These units use solar items to compact recyclable items and then alert Facilities when they are full.
- This saves a lot in labor costs. Normally bins are checked and emptied daily.

Other universities have used them and been happy.

Discussion:
- There are big discrepancy between the price quotes and the actual amount requested.
- The idea is good, but we need to know how much they want.
- The writer did not include any maintenance costs for the units.
- The Board would like to see more (or stronger) buy-in from Facilities.
- The writer should identify where it would go (library? MBS? Wood Center?) maintenance costs, real price, stronger Facilities support.

Request that the student re-work the proposal to include a location, maintenance costs, a consistent price, and stronger support from Facilities and then re-submit the proposal in the Fall 2014.

YC = Yes with contingent: If these items are addressed and the proposal re-written to RISE approval sometime this summer
NC = No with contingent: Request that the proposal be re-written for RISE approval in the Fall.

Yes = 0
YC = 4
No = 1
NC = 1
The RISE Board approves funding to buy Big Belly Solar Compactors IF the writer re-submits the proposal re-worked the proposal to include a location, maintenance costs, a consistent price, and stronger support from Facilities.

**Summer Proposals: Chancellors Food Committee**

Chancellors Food Committee has requested money to help them grow and become a long term program.

Having this program makes the STARS rating for UAF stronger.

ASUAF provides travel funding for students. We don’t want to provide funding for conference travel. They didn’t define this in the proposal.

Michele would like for them to form an official student group.

Recommend that they present at these conferences and form a student group.

Vote:
Yes: 5
No: 1

**Summer Proposals: Shared Root-Cellaring**

This is to identify and create a food cellar to be used by Facilities, the Community Garden, Dining Services, Nanook Grown, etc. we want to know how the food is going to be used.

These funds would be used to modify a current structure.

This project should be aligning with the Chancellors Food Committee. Need to identify what food will be kept here and what it’s for.

Want to know why they need a fridge in a root cellar.

This may need to go through Master Planning unless it’s at the farm or Facilities.

Vote:

YC = Contingent on coming back with a solid quote, location, etc.

YC: 5
No: 1

**Summer Proposals: Solar Shelter**

At the last funding cycle an electric cart was funded and a request was made that a proposal be written for a solar charging station.
Currently we charge carts during the summer when we are buying from GVEA. So basically we are charging our electric carts with electricity provided by coal burning.

The proposal doesn’t say if it will actually be enough to charge them all.

The proposal doesn’t have a clear quote attached to it or any explanation of where the costs come from.

The proposal is not written in a serious manner.

Also, the design provided is for a shed. It very well could be a building mod (which needs to go through master planning).

The timeline is probably not realistic.

Would prefer that we fund solar on a building, instead of a small station for carts.

Vote:
No: 5
Yes: 1

Priorities
Chancellor’s Food Committee
Big Belly Solar
Root Cellar

RISE Board Potluck
Social gathering for the Board.
Hosted by Rodney. Any time will work this month.
Mid-week days are best
Thursday the 26th
6pm – 9pm
Everyone bring a side and/or drink
Rodney will send out directions

RISE Board Summer Schedule/Attendance
Christin Anderson off of work at 1pm.
Ian Olsen here all summer except for 4th of July.
Isaac gone for the summer.
Yasmeen may be moving this summer.
Ben gone until 2nd week of July
Falk out until 1st week July
07/10/14 RISE Board Meeting Minutes

Date
7/10/2014

Start Time
1:00pm

Stop Time
2:06pm

Members Present
Yasmeen Hossain, Student, Chair
Wyatt Hurlbut, Student, Vice Chair
Christin Anderson, Student
Michele Mouton, Director of Sustainability
Ben LaRue, Community/Chancellors Representative
Falk Huettman, Faculty Representative
Ian Johnson, Student
Ian Olsen, Staff Representative
Matthew Carrick, ASUAF President

Members Absent
Anne Williamson, ASUAF Office Manager
Rodney Guritz, Student
Isaac Thompson, Student (absent for summer)
Raif Johnson-Kennedy, UAF Community Member

Guests
Christi Kemper, Office of Sustainability Administrative Assistant
Erik William, OS Student Employee – SMP Coordinator
Michaela Swanson, OS Student Employee – Murie Zero Waste Coordinator
Amanda Byrd – Biomass Coordinator for ACEP, passion is upcycling plastic

Plastics Recycling: Amanda Byrd Project Introduction
Amanda was tasked at work with finding new novel uses for biomass that haven't been done before.
- Found that almost everything is being covered here in Alaska, so she turned to plastics.
She would like to try melting plastic into oil here in Fairbanks.
- They have been successful with this in Whitehorse.
- The result is a light crude that can be burned in a non-internal engine.
- Can also be refined into kerosene, petrol, and wax.
- The system that Whitehorse has been testing does 1kg – 1liter of fuel.
- There are very little emissions associated with the process.
Wants to purchase a new machine from Japanese company Blest.
- Similar to K & K's desktop machine but is newer and made for industrial-scale use.
- Less stinky and messy than its predecessor.
- Automated system
  - Can convert plastics 2,3,4,5 and 6 (float tank required to identify plastics correctly).

Cost to implement this would be $2.39 per gallon
- This number included an 18.00/hr employee to run the machine
- This number does NOT include sorting.
- Facilities Services is very interested and suggests that we hire interested students for the sorting labor.

She has been gathering support from the community.
- Lots of headnotes from FNSB
- TCC is excited
- Communities of Wrangell and Nome are excited as well.

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**Plastics Recycling: Comments and Questions from the RISE board for Amanda**

**Question (Q):** Why do this? Still carbon, still pollutes. We need to move away from both fuel and plastics.

**Answer (A):** I agree that source reduction is important. However, this project is a low hanging fruit. This is a way to do this locally, which reduces carbon. Also, as long as we have excess plastics now we might as well use it ourselves for fuel instead of sending it to china to be burned in a field.

**Comment (C):** we are overbuilding the culture of recycling right now. People WANT to recycle here, fulfilling that need is important. Not a big enough consumer market to actually.

C: The costs of these types of projects are outweighed when you look at the entire cost – electricity, etc.
C: The Board suggests that Amanda approach the Rescue mission about using the 3-7 plastics they collect.

**Question (Q):** You said cost didn’t include separating. Why and to what extent do we have to do this?

**Answer (A):** #1 plastics contain too much water. In Whitehorse they use a float tank to separate the correct types of plastic out.

**Question (Q):** How do you envision this project going? I

**Answer (A):** I imagine having it at Ft. Wainwright, Eielson, and somewhere on this side of town. We could easily do thousands of liters. I have been conservative in my estimates and have taken our remote location and unique climate into consideration.

**Question (Q):** Can you put together something about lifecycle costs for us? Include both that total carbon footprint and water footprint.

**Answer (A):** The cost would be 1.30 – 2.00 per gallon and the total payoff of the project would be about 5 years.

**Question (Q):** Why are you here talking to us today?

**Answer (A):** #1 is support. A letter of support for the project from the RISE Board would be huge. I am also looking for funding. I just found out that the emerging technology grant was not funded this year by the legislature. However, the project IS funded from 2016 to 2021. Total costs are (64 gal per day) are $350,000. This includes maintenance.

**Question (Q):** Where would you house it?

**Answer (A):** I’ve been talking to Scott Bell. One option is the Aurora fuel storage plant. Another is right here at the power station.
Q: We asked about burning paper pellets on campus but were told that we couldn’t because EPA doesn’t allow us to turn trash into fuel. Could this same issue arise with turning plastic into fuel?
A: I will need to look into that.

Q: This a barrel of fuel produced per day. Is this worth it for $350,000 per year?
A: We put solar panels on buildings. The effectiveness of that on electricity usage is equally minimal. However, it is a step in the right direction so we do it anyway.

Q: Have you thought about partnering with the Military? They might be willing to fund this in exchange for UAF to take their fuel. Mandate that 30% of transportation fuel comes from renewable resources.
A: I will reach out to them.

Q: Does this produce a toxic byproduct?
A: No. The machine in Whitehorse is nearly emissions free. Offgas testing looks great too. However, it is still fuel so we are hiring a third party company to test the air quality of product burned.

Q: Are you seeking funding for a feasibility study? We will need something like that before we can fund a project like this.
A: Feasibility studies have been done already in Barrow and Kalsak.

C: When this type of project was looked at in Barrow they found it’s just a loop because of all the fuel needed for airplanes and trucks.

Q: Are you looking at just piloting this on campus or in the city?
A: We are looking at fueling for the whole community.

C: This would be a student research project.

C: Before funding this we need a feasibility study, a toxicity footprint, and a waste stream study. You must also identify a benefit for UAF and student life in particular.

C: What happens if, in three years, a zero plastics policy is implemented? Whether it is campus wide, or in grocery stores, etc. This needs to be part of the Risk Analysis.

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**Project Updates: Sustainability Master Plan**

At this point the work is being done mostly by the Brendle Group. The SMP is going to be integrated into the campus master plan. They are looking at waste stream, carbon footprint, and developing goals and strategies (this involves steering committee made of people from across campus). Included travel, GHG reporting etc. The board should have all of these things coming together in reports starting sometime next month.

Q: Has the Chancellor checked in at all?
A: This is done through Mike. Also, they want something to include in convocation. The steering committee hasn’t met again yet, but will be reviewing all of the strategies.

**Project Updates: Murie Zero Waste**

We’ve had a few issues. Getting signs up because there have been issues with people understanding what to do. We have been taking pictures and collecting data. Rolled our composting program, people like that a lot. Have also implemented recycling in bathrooms and re-useable white board markers. We are now talking about source reduction – packaging in particular. Focusing now on less plastic and more paper.
The goal is that, within a year, we will have a package that includes cost of implementing zero waste in a building and a manual for how to do that.

Pickup is slow in the summer. There have only been 2 bags of plastics since June.

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**Project Updates: Program Reviews**
The office of University and Student Advancement took $700,000 cut to their budget this year. As a result of budget cuts, UAF is doing program reviews right now.
- They didn’t tell us about it and we found out the day before it was due.
- Christi and Michele worked nonstop for three days to put it together.

They will decide based on this report how much will be cut from each area. We have been told that we won’t be experiencing a budget cut, but it’s hard to be certain. While the Student Sustainability Fee money is untouchable, the other 50% is technically not.

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**RISE Updates**
Falk would like to take on additional tasks if possible.
- Doing his best to be here, but would like to work on other items too.
- One area we are working on is integrating Sustainability into the curriculum here at UAF.

It would be great to focus on emphasizing green coal – it IS out there.

Who will be here the 24th?
- EVERYONE.

Q: Is the app challenge coming back next year?
A: We don’t think so. If you have an app idea you can see Shannon Thomas in OIT - they have funding for these types of things.
Date
7/24/14

Start Time
1:00pm

Stop Time
1:57 pm

Members Present
Yasmeen Hossain, Student, Chair
Wyatt Hurlbut, Student, Vice Chair
Rodney Guritz, Student
Christin Anderson, Student
Michele Mouton, Director of Sustainability
Ian Johnson, Student
Falk Huettman, Faculty Representative
Raif Johnson-Kennedy, UAF Community Representative
Ian Olsen, Staff Representative

Members Absent
Anne Williamson, ASUAF Office Manager
Isaac Thompson, Student
Matthew, ASUAF President
Ben LaRue, Community/Chancellors Representative

Guests
Christi Kemper, OoS Administrative Assistant

Introduction of Newest Board Member
Raif Johnson-Kennedy works for grounds crew at facilities.

Over the past several years has worked doing recycling pickup, mulch mowing, composting, etc.

Now overseeing grounds crews.

Board Change-Over
Yasmeen is leaving the Board, moving to Vermont.

Normally elections are held each fall for the Chair & Vice-chair. Terms are one year.

We will advertise by word of mouth, on the radio, and online.

We will have to figure out who will fill each committee.
Revised Budget – Reduction & restructuring of FY15 budget

There is no carry-forward this year.
- The OS and RISE Board have become accustomed to working with large amounts of carry-forward in the past.

Less revenue from students & the Chancellor
- Last Spring 60k was taken at the end of the year.

The CES had to take away their support for the program as well.

We are bracing for 3-5 % down on enrollment (1-3% in revenue because of a tuition hike), so this may be the case next year as well.

Q: Why was Sustainable Village budget item taken away?
A: Originally it was used for a large food event each year. It wasn’t used at all in FY14 so we eliminated it.

Q: How are we going to deal with the reduction in student workers?
A: Everyone will have to do a little more. We also want to develop a volunteer program modeled after Utah State for Green Bikes.

Q: Is the Nanook Grown Market still happening? The budget has been reduced.
A: Yes! We are using community garden beds and hydroponics on the Lola Tilly deck. The market usually pays for itself.

Q: How has the art show budget been reduced?
A: We are only going to do it once per year and we will trim on certain items like catering and flyers.

Q: How has revenue changed?
A: Green bikes revenue has been increasing, we are getting paid for the energy saved by the SRC panels, and the SNAP program is reimbursing us for electricity produced by the Sustainable Village panels.

Money for RFPs small. This looks like it is going to change how we do business. It’s hard to get submissions in the first place.

Criticism – of the projects that we have funded a lot of them have been hugely impactful. 5 of the budget IDEAS came from OUR proposals. They also have very good ideas too.

Starting sus.campus action force (20 people on fb). This is a good place for proposals. There hasn’t been a direct relationship with the student body for awhile. The club had 2 duties in the past – put on a conference and have an earth day celebration.

The SMP should help us identify what we are going to do. It is going to have priorities, which the SMP will provide. We have been moving towards theme oriented things.
When started we identified 3 types of projects (phase 0 – unproven ideas that seem sustainable and might be worth throwing 500 dollars at to find out more, phase 1 – good ideas that made it through phase 0, but might not be effective as a long-term project, 2 – proven concepts that meet our core mission goals and should be a long-term / annually funded project)

Got email from pat pitney. They want 100,000 next year for the borough bus. Told them they would have to eat it this year. Concerned that the chancellor is going to not be happy about this. It might pop up next year. Board talked about it with Martin and they never heard anything about it either. It’s definitely worth doing, but we just couldn’t do it this year. Facilities paid one year, there was a grant for another year, and then they xxxx.

Can’t even really cut programs enough to pay for the bus.

We are more expensive because of living, flying home, and no stipends like in some other places.

Really for UA, we are a unique institution. We receive a high amount of funding from the state. Going forward we are going to have some downward pressure.

Happy thing: we have been voted in the top 50 most sustainable colleges in Top Colleges.com and Princeton review.

Who would partner with us? SMP. Right now we have Facilities. We could work with the extension, forestry, fisheries (certification required) enviro law, etc. economics

Q: Is it time to start looking at outside grants again? Or look at increasing the fee?
A: We have gotten a grant here and there before, but we don’t have anything that is both high dollar and specific on our list (which is usually needed for a grant). Michele used to run and get a lot of grants; I doesn’t know what the market is like now. The OS will have a staff member look into it.

Ian motion to accept the proposed budget for FY 15
Y / Y / Y/ Y/ Y/ Y/ Y

The revised budget has been approved.

Update: Sustainable Village 2014-2015

Planning on birdhouse building breakout event.

Going to refine the competitions between houses.

Working on developing the community feel.

Update: Sustainability Master Plan (SMP)

The SMP has been outlined.
   - Every item starts with “Office of Sustainability implement / coordinate / start dialog”.
This should provide an opportunity to work other departments.

RISE should be seeing a draft of the SMP in early September.

Next Meeting

August 14th will be the next meeting. PLEASE respond to the reminder e-mail if you can’t make it.

1:57pm
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<th>Members Present</th>
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<tr>
<td>Wyatt Hurlbut, Student, Vice Chair</td>
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<td>Rodney Guritz, Student</td>
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<td>Christin Anderson, Student</td>
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<th>Guests</th>
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<tr>
<td>Christi Kemper, OoS Administrative Assistant</td>
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<td>Chris Hoch, Computer Science Major, RISE Applicant</td>
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<td>Christopher Behnke, from Juneau, NRM Masters student, RISE Applicant</td>
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<td>Robert Sheilds, Economics major, RISE Applicant</td>
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<th>Introduction of SMP meeting</th>
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<td>SMP meeting will be on Sept 16th from 9:30am to 11:30am</td>
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**OS UPDATES**

The office is promoting Project Green Challenge, a 30-day challenge that focuses on transitioning college students from conventional living to sustainable living through small daily challenges e-mailed for the month of October. 20 prizes are given away daily, and finalists get to participate in an eco summit in San Francisco.

We are also promoting the EPA Campus Rainworks Challenge, a green-infrastructure focused competition. Student teams design an innovative green infrastructure project for their campus to manage stormwater. We are hosting a smaller UAF-only competition and participants can work with the OS and Tanana Valley Watershed Association to submit their projects to the EPA in December.
Our last engagement project of the semester will be a dorm energy competition, which will take place in November and utilize our energy dashboard for tracking energy usage.

The OS is releasing our usual call for proposals this semester as well.

**Introduction: Applicant Chris Hoch**

Majoring in Computer Science, Junior or Senior standing  
Participating in Project Green Challenge  
Member of the Sustainable Campus Action Force (SCAF)

Q: What would you bring to the RISE Board?  
A: I’m really good with computers, including customizing them. I can do some graphic design if you need me to, and have some app design experience.

Q: What do you know about the commitment associated with being on the board?  
A: I know that it involves being here 1x per week. I am going to be here at least a year.

The issues the RISE board deals with are very diverse, and it can take a year for people to really understand everything that’s going on.

All board members are encouraged to participate on subcommittees. This is how the board splits more complex tasks/issues up. Typically non-RISE individuals can be involved as well, which makes subcommittees extra valuable.

**Introduction: Applicant Chris Behnke**

TA’s environmental ethics, he is likely going to be around for a long time  
Interested in sustainability as a theme  
Worked in Glacier Bay Park  
Setting up a yurt right now

Q: What would you bring to the RISE Board?  
A: I can contribute manpower to whatever causes you need help with. I am really interested and want to learn more about how RISE works. I also realized that the fee is coming up for renewal, wants to make sure this program stays.

Q: Expand on what you think about education sustainability.  
A: Education is the buzzword we say but don’t know how to implement. There’s a concept that we need to focus on technological innovation AND the “spirit/soul” of these issues. Addressing issues that have to do with sustainability is going to involve dealing with cultural issues, not just technology.

**Introduction: Applicant Robert Shields**
Been involved in sustainability his whole life.

Grew up in a rural area, went to high school at Lathrop.

Got involved with a sustainability club in high school, got an associate’s degree from environmental school, and worked 10 years in Oregon as a sustainability developer. He did a TV as well.

In 2006 did sustainability construction building, then sold the company and came back here.

Runs a nonprofit, ARK, here.

Sees the challenges with clean air, waste, and lack of jobs. Believes that these issues are all related and can be fixed.

Sustainability is a mindset, and he looks forward to the day when the planet doesn’t need saving. This can happen with generations of education.

Q: What is your interest in RISE?
A: I want to work with the University and the community on sustainability issues. Right now I am coordinating a solar tour, recently did a food festival, am looking a building a community center off McGrath, and want to build a school that teaches sustainability. If we develop community involvement we can fight against the challenges that come with turnover. My skills and connections will help the RISE board and I will learn from the board about community connections. I am willing to change my class schedule if needed. I want to break away from the idea that the University only works in with the University. I want to do some streamlining with the SMP, boroughs master plan, state plans, etc. I would like to work with villages too.

SELECTION OF RISE MEMBERS

There is a selection committee that meets and actually chooses which applicants are accepted.

The selection committee is made up of the ASUAF President, ASUAF Office Manager, Director of Sustainability, an ASUAF Senator, and one RISE Board member that is not seeking re-appointment.

If you aren’t chosen, we DO have subcommittees to be involved in as well. No student jobs right now, but we are accepting volunteers.

SMP UPDATE

We will be entering the phase of implementing the SMP soon.

One thing that was a little concerning about the draft document was the schedule. Some of the action items were low hanging fruit, but some not so much.

NEXT MEETING
Sept 18th. The meetings will be at 1:10pm. We will be the next meeting. PLEASE respond to the reminder e-mail if you can't make it.
Date
09/18/14

Start Time
1:10

Stop Time

Members Present
Wyatt Hurlbut, Student, Vice Chair
Michele Mouton, Director of Sustainability
Christin Anderson, Student
Isaac Thompson, Student
April Mustard, ASUAF President's Representative
Jennifer Schell, Faculty Representative (Alt)
Ian Johnson, Student
Ian Olson, Staff Representative

Members Absent
Raif Johnson-Kennedy, UAF Community Representative
Anne Williamson, ASUAF Office Manager
Ben LaRue, Community/Chancellors Representative
Falk Huettman, Faculty Representative
Rodney Guritz, Student

Guests
Christi Kemper, OoS Administrative Assistant
Alexander Bergman, OoS Student Assistant
Britta Hamre, Chancellor’s Food Committee Rep.
Robert Shields, Student

Guest Comments: Chancellor’s Student Food Committee
Currently CFSC is in the process of planning Food Day.

Food day will be on Oct 17th in the Wood Center

This event will include 3 food talks and catering by the CCD Culinary Club.

All events will be generally Alaska-focused

Please let any staff or faculty know that might have a food topic they would like to discuss about the event.

Guest Comments: Alexander Bergman
If anybody would like to come on the radio on Tuesdays between 11am-1pm or Friday between 2pm-4pm let Xander or Hannah know.
**Guest Comments: Robert Shields**

Q: I have talked to students that would like for the RISE Board to write a letter to the Chancellor that states an official position on the new coal-powered plant. Will you do this?

RISE: First, the power plant plans came to be just before the RISE board was formed. It is the only affordable option for the U. It IS a biomass powered plant, and can burn up to 30 percent as wood.

Q: Is the RISE Board is comfortable with this? I think the board has a moral imperative to file a formal protest. I am asking for the students, who pay the Sustainability fee, for this.

RISE: The power plant plans are done. There is no option right now to change it. In addition to this it was the most affordable option for the University. We have encouraged the Chancellor to make a portion of the power generated be from biomass. This is one way that they can afford to be more environmental. The new plant is going to cost around 270 million. In terms of an operating expense, it’s about 15% of the next best option. There are no funds being spent directly from the students (the was legislature funded) to build the plant.

The strategic plan DOES have renewable energy goals. Also, the new plant is actually going to reduce our carbon footprint. Also, the board has held forums 1 – 2x per year about the upcoming power plant.

This is the type of information that we should disseminate to the students. Let’s talk to Facilities Services about publishing something about the plant and the reason that this type was chosen.

**Introduction: April Mustard**

April is the new President’s designee.

Went to school here in Fairbanks at West Valley and is graduating in the spring with a degree in Biology

Serves on honors council

**Introduction: Jennifer Schell**

Jennifer is a faculty representative that is going to serve and vote in Falk’s absence

She was appointed to RISE Board by Faculty Senate. At the last meeting they announced a vacancy and she volunteered to fill it.

From the English department

Originally from Rhode Island, came here from Kansas.

**Updates: Office of Sustainability**
We just received an e-mail from Project Green Challenge that we are #1 in student sign ups.

Currently are promoting the RFP, Project Green Challenge, FloWater, and the EPA RainWorks challenge.

Updates: Sustainability Master Plan (SMP)

Brendle Group has finished the SMP

We had a meeting this week where the steering committee split into 3 groups and reviewed the plan. The first round of changes will be coming from the last steering committee meeting.

Christi is going to incorporate those changes and it will be posted on the web next week for public review

Public review period will last from September 22nd through October 10th

The office is working with Carla Browning (UAF’s Internal Communications Manager) to develop marketing for the plan

Michele has done two presentations to Faculty Senate and is going to present to Staff Council & ASUAF

Meeting Minutes

Christin motions to approve, Isaac seconds

Open RISE Board Seat

There is currently one open position on the board. Seat C, a student position

The selection committee will meet on Monday. Isaac will be serving on the board selection committee.

RISE Meeting Next Week

The board is going to switch which Thursdays it meets on.

To do this, we will have a meeting next week, on the 25th of September.

After the 25th of September meetings will be every other week.

We will have another new board member next week, so we will do introductions and an orientation.

Curriculum Subcommittee Meeting

Schedule curriculum subcommittee meeting on Thursday, October 2nd from 1pm-2pm
RISE BOARD MEETING MINUTES

Date
09/25/14

Start Time
1:14pm

Stop Time
2:03pm

Members Present
Wyatt Hurlbut, Student, Vice Chair
Michele Mouton, Director of Sustainability
Ian Olson, Staff Representative
Isaac Thompson, Student
April Mustard, ASUAF President’s Representative
Jennifer Schell, Faculty Representative (Alt)
Ian Johnson, Student
Christopher Behnke, Student
Rodney Guritz, Student

Members Absent
Christin Anderson, Student
Raif Johnson-Kennedy, UAF Community Representative
Anne Williamson, ASUAF Office Manager
Ben LaRue, Community/Chancellors Representative
Falk Huettman, Faculty Representative

Guests
Christi Kemper, OoS Administrative Assistant
Britta Hamre, Chancellor’s Food Committee Rep.

Meeting Minutes
All meeting minutes approved

Recycling Task Force Meeting

On September 23rd a new group, the Fairbanks Recycling Task Force, met in the OS.

The meeting was put together by the OS and Interior Alaska Green Star (IAGS).

Attendees included representatives from the Fairbanks Rescue Mission, K&K Recycling, Alaska Waste, the FNSB Recycling Commission, Fort Wainwright, IAGS and the OS.

Mike Walsh from the Foraker Group was the meetings facilitator.
The group identified a purpose, goals and values
- Engaging students, businesses, youth & the community
- Identifying relationships between stakeholders and actions that the task force can take
- Community education and engagement
- Working with the FNSB Recycling Commission to move recycling forward in Fairbanks.

Discussed recycling in Alaska
- A history of recycling in Fairbanks
- Why recycling has not been established yet
- Examples of recycling systems that work in other parts of Alaska

Each stakeholder gave an overview of:
- The role they currently play in Fairbanks recycling
- What they have to offer
- Current obstacles to overcome
- What they would need to make recycling successful

Applied the SWOT analysis method to recycling in Fairbanks
- Identified strengths, weaknesses, opportunities and threats

General discussion
- Who has the power to move things forward
- What steps need to be taken by the Recycling Task Force
- Approaches to getting recycling established

The group agreed to meet again in one month.

**Sustainability Master Plan (SMP)**

The first draft of the SMP has been released. There is a blog that comments can be posted on. Interested parties are also invited to e-mail sustain@uaf.edu with comments.

Two paper copies have been printed. One in the OS and one will be in the library.

The Master Planning Committee would like a presentation and has put us on the agenda.
- October 9th at 9am in Chancellors Conference room.
- 40 minutes is right for the length of time.

Q: How does this get integrated into the master plan?
A: Not sure. Other items are a part of the plans body. This might be its own part, or it might be put into the plan in pieces. Another option could be making it an appendices like the trails plan. A consultant will look at it and find the best way to work it in with the guidance of the SMP.

Q: How should we market the SMP to the campus community?
A: We could present this as a realistic, tangible way to be fiscally responsible. This might help get people who would otherwise not support it on board. We also need to focus on the environmental focus as well - our student survey shows that the students are most focused on the environment.
Q: Are we getting our annual report template?
A: Yes. Part of the SMP is producing an annual report that communicates the metrics of our progress.

Q: How does the OS feel about how Brendle responded to this project?
A: We can’t make an overall that statement at this time because we don’t have the report yet and the SMP isn’t quite finished. This document will be valuable for moving sustainability forward, whether we think it’s perfect or not. This is going to be an excellent tool and help us expand. We also need to remember that the SMP is a living document that can (and should) be adjusted as time goes on.

Q: Did we do enough to engage campus?
A: Yes. We definitely got everyone to the table through the steering committee. We also completed small group interviews and student surveys. Overall, the Brendle Group did a lot, and there was plenty of engagement and input from across campus.

Q: The SMP was created in about 8 months. Just curious, how long did Master Campus Plan take?
A: It was roughly an 8 month process.

Q: How much did the SMP cost?
A: About 60k. Campus plans can cost up to 200k.

Q: What is the goal of reviewing this document? Is it student input? This timeline (two weeks) is short.
A: A major part of this comment period isn’t necessarily change. It’s about getting buy-in and letting students, as well as staff and faculty, know that it’s there. This is a living document and will be changed as time goes on. There will be plenty of opportunity for input from across campus to be integrated.

Q: Are we going to have some sort of an event or table in the Wood Center?
A: We asked Carla Browning about this. She has developed a marketing plan just for this. We will have to look back at her plan to see if an event or table is scheduled. We are going to have a table at the resource fair after convocation.

Q: Could get people from the committee to staff a booth in the Wood Center for one or two days? It would be nice to have a spotlight time for each group that was involved. It could also be too early to do that as well. We want engagement and buy-in.
A: We will definitely promote the plan at our booths and will give the committee an opportunity to sit there if they are willing.

Q: Can someone go to ASUAF to present the SMP?
A: Wyatt would like to do this and thinks that he can find time. Michele might be able to do this as well.

Updates from MPC

Facilities Services wants to do upgrades to the so-called ‘Himalaya Trail’ to make it more accessible year-round.
- The trail that goes from Chapman parking lot and connects to the SRC and West Ridge.
- They need 10k for those upgrades and there may be a proposal asking RISE for it.

Lydia Anderson would want to institutionalize the Free Market and the Winter Warm up. Free Store. There could definitely be an alignment with the Free Store there.
Subcommittees

Currently there are two subcommittees: Recycling and Curriculum

The Recycling Subcommittee has been dormant, but there is interest in renewing this.

Possibly interested individuals: Rodney Guritz, Michael Whalen, Michaela Swanson, Wyatt Hurlbut, Chris Behnke

The Curriculum Subcommittee has been active.
- Members include: Ian Olson, Wyatt Hurlbut, Iris Fabrizio, Cindy Fabbri, Chris Behnke, Jennifer Schell, Bev O'Donnell, Falk Huettman
- The next curriculum subcommittee meeting is Tuesday Sept 30th from 1pm-2pm in the OS

Next Meeting

If anyone can’t make a meeting please respond to the agenda e-mail.

Orientation for new members: Please coordinate with Wyatt about this.

Next Meeting will be October 9th 1:10pm - 2pm
RISE BOARD MEETING MINUTES

Date
10/09/14

Start Time
1:00pm

Stop Time
2:05 pm

Members Present
Wyatt Hurlbut, Student, Vice Chair
Rodney Guritz, Student
Christin Anderson, Student
Michele Mouton, Director of Sustainability
Raif Johnson-Kennedy, UAF Community Representative
Ian Johnson, Student
April Mustard, ASUAF President's Representative
Jennifer Schell, Faculty Representative

Members Absent
Anne Williamson, ASUAF Office Manager
Isaac Thompson, Student
Falk Huettman, Faculty Representative
Ben LaRue, Community/Chancellors Representative
Ian Olson, Staff Representative
Chris Behnke, Student Representative

Guests
Christi Kemper, OoS Administrative Assistant
Robert Shields, Student - submitting RISE proposals

Minutes
All minutes approved

RISE Proposals: Robert Shields

Robert is writing three proposals for the RISE Board this semester.
- $1000 for UAF to buy the Blueberry Renaissance document to be worked into the UAF Sustainability Master Plan
- $2500 for developing the Lola Tilly building into an off-grid vertical farm and UAF sustainability flagship building
- $2500 for completing an EPA Rainworks Challenge project putting green roofs all over campus

Blueberry Renaissance:
- The Blueberry Renaissance is the name of a sustainability-focused document developed by the nonprofit ARK.
- Purchased by the village of Chuathbaluk to work into their city master plan.
- It is available for sale to other communities for $1000.

Lola Tilly Flagship Building
- Would like to see the greenhouse put on top of Lola Tilly.
  - Has not looked into the load capacity of roof
- Michele: UAF has decided to move off campus offices here as leases expire
  - Robert: Would like to work offices into the plan as well.
- Would like to take the building off-grid so that it doesn’t cost UAF more money.

EPA Rainworks Project
- Want to use the EPA Rainworks Challenge to develop green roofs on all campus buildings.
- Wants to find a place to supply plants for these green roofs and to create an industry in Alaska.
- Has team leader for this project.

New Chair Vote

The last RISE Board Chair, Yasmeen, left last summer. Wyatt is currently serving as acting chair.

The Board needs to officially select a new chair.

Stipulations:
- Not seeking re-appointment.
- Must be a student.
- Term lasts 1 year.
- Non-voting member.
- Responsible for agenda, facilitating meetings and having minutes approved.

Q: Why doesn’t chair get to vote?
A: It helps keep the meeting facilitator impartial. The position does vote when there is a tie.

Eligible RISE Members that would be willing to serve in this role: Ian Johnson, Wyatt Hurlbut

RISE members not present (automatically given potential Chair status): Isaac Thompson & Chris Behnke
- Isaac Thompson later stepped down from his nomination via e-mail.

New chair vote will be held at the October 23rd meeting.
- Choices: Wyatt Hurlbut, Ian Johnson & Chris Behnke
Subcommittee Reports: Sustainability Master Plan

The SMP was presented to the campus Master Planning Committee today.
- Gave an overview, answered questions and let them know when comment period for changes ended.

Told we can’t call this a “Master Plan” – this is a Board of Regents policy.
- We can look at 12 criteria to see if we meet the criteria for a master plan. Board of Regents policy.

Explained that this is a living document, the goal isn’t create something set in stone, but that we can add and take away certain things as time goes on.

There was concern expressed about the dedication to renewable energy. However, there was some positive reaction too.
- The new powerplant will be running on 15% renewables.
- Also, the STATE has a goal of 25% by 2025.

They are interested in approving the document and want to make sure their input is adopted.

They will be voting Oct 23rd whether to adopt this or not.

Outreach to the UAF Community about the SMP has included booths in the Wood Center and MBS, presenting to the cabinet, presenting to Master Planning, Cornerstone articles, radio coverage on 2 shows and an e-mail sent out on the listerv for ASUAF. There is going to be a presentation to UAF as well.

So far we have gotten 0 comments. Hoping they will come in at the end of the hour. It isn’t going to be closed, printed, etc.

One reason that we may not have many comments is that, through surveys and small group meetings, we worked with many people across campus.

Q: There wasn’t much in the document that directly involved students. How are we supposed to engage students when they aren’t mentioned?
A: The student body isn’t assigned tasks in the “who/what/when” sections because you can’t assign tasks to the student body as a whole because there are no stable members of it. Most action items start with establishing committees - these will certainly have student members on them. In addition to this, the whole document was commissioned and created by students.

Comment: You aren’t proactive with contacting students and aren’t flexible enough with their schedules. You need to be more proactive with engaging students.
Reply: One of the goals in the SMP is higher student engagement. We have many strong programs - Green Bikes is going great, we were initially the leading school in Project Green Challenge, and we have funded hundreds of thousands of dollars in student projects. Can we do better? Yes – and we are always working on it. However, we are doing pretty well considering our size – we only have two permanent staff.

The OS is going to create a simplified version of the SMP for students that points out what can be done.
- Waste Management is always a top issue with students - it’s not because we have done a better job of educating them about it, it’s because they have control and it’s something they can actively do & measure. This is important.
Idea: A facilitated discussion would be effective if you could get people to go. Food always brings people in. 45 minutes to an hour.

Subcommittee Reports: Curriculum

Have been looking at notes from the summer and thinking about the SMP.

Identifying how we can work our goals into the things outlined in the SMP.

Next meeting is in 2 weeks.

Upcoming goal – look over STARS and the SMP to make sure that we are prepared to get the ball rolling.

Jen contacted Outdoor Adventures and a History Professor, who are going to attend the next meeting.

There has also been discussion about establishing an Environmental Science degree and a dual-track (B.A. or B.S.) program in Sustainability or Environmental Studies. Talking to Faculty Senate about what has been done.

Subcommittee Reports: Recycling

Michael Whalen has e-mailed about the Recycling Subcommittee. Is there interest in starting this up again?

Yes. Let's get this back up and running. Need at least 1 RISE member. Anyone at UAF can be on it.
RISE BOARD MEETING MINUTES

Date
10/23/14

Start Time
1:10pm

Stop Time
2:15pm

Members Present
Wyatt Hurlbut, Student, Vice Chair
Rodney Guritz, Student
Michele Mouton, Director of Sustainability
Raif Johnson-Kennedy, UAF Community Representative
Chris Behnke, Student
Jennifer Schell, Faculty Representative
April Mustard, ASUAF President’s Representative
Isaac Thompson, Student
Christin Anderson, Student
Ian Olson, Staff Representative
Ben LaRue, Community/Chancellors Representative
Ian Johnson, Student

Members Absent
Anne Williamson, ASUAF Office Manager
Falk Huettman, Faculty Representative

Guests
Christi Kemper, OoS Administrative Assistant
Robert Shields, Student
Michaela Swanson, Student, OS Member
Britta Hamre, Student, CSFC
Jonathan Shambare, Design & Construction Senior Architect

Minutes
All minutes approved.

Guest Comments: Britta Hamre - Food Day Celebration

Oct 24th is Food Day.

The Chancellor’s Student Food Committee will be having a celebration in the Wood Center from 12pm – 2pm.

There will be lightning-round talks, a short discussion, a cooking demo and free food.
The event will be catered by the CTC Culinary Club with an emphasis on local ingredients.

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**Guest Comments: Jonathan Shambare – Sustainability Plan**

Jonathan has looked at the SMP and made a list of comments.

He appreciates that this project is being done & thinks it is a good effort.

He would like to discuss his comments with the RISE Board.

Michele: Currently a team that is working through all of the comments that have been submitted and addressing/integrating them. We can set up a meeting with Jonathan to go through all of his comments line by line & make sure everything is addressed.

Q: How is the SMP officially adopted?
A: The Master Planning Committee will vote on whether to adopt it and will write a recommendation to the Chancellor.

The final version of the document should be out Nov 15 for review.

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**New Chair Vote: Brief Overview**

Q: What is the role of the chair?
A: Making the meeting agendas, ensuring that the board meets and making sure the agenda is addressed. A focus is put on making sure pertinent things are getting addressed. In addition to this the chair helps make sure sure projects aren’t repeated.

Former RISE Board Chairs and their strengths
- The first chair of the board was Heather Curry, who was very proactive in getting the OS up and running.
- The second chair of the board was Brett Parks. He was very vocal and active, and very concerned about making sure the board didn’t lose sight of its original goals and kept the students in mind.
- The third chair of the board was Yasmeen Hossain – she was very good at facilitating meetings and moving them along to make sure all of items were addressed.

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**New Chair Vote: Nominees and Vote**

Nominees: Chris Behnke, Wyatt Hurlbutt, Ian Johnson, Isaac Thompson

**Chris Behnke**
- Has been a member of the board a few weeks and does not feel qualified at this point to hold this position.

**Ian Johnson**
- Interested in this position because he has enjoyed his role as a member of the RISE Board.
Would like to improve communication between board members during the off weeks in between meetings.
- Would also like to add a 5 min talk about past projects at the start of each meeting to help keep ideas fresh and educate newer members. The OS can generate a list, and the most qualified person will talk about them.
- Ian is an organized individual and has the time to answer emails and coordinate with everyone that needs to be coordinated with.

Q: How much time do you have to devote to the position?
A: A fair amount. I have 10 hours per week for the rest of this semester. Next semester I will be taking a course, writing my thesis and TA-ing. I will have less time but can always sleep less if needed too.

Isaac Thompson
- Would like to withdraw from the nominations.

Wyatt Hurlbutt
- Interested in the position because he has been acting in this role for a while and is familiar with it.
- He has a long history on the board. After the implementation of the Student Sustainability fee the first year was spent establishing the program. The second year the Office of Sustainability was established, and the third year was spent engaging students and increasing awareness on campus. We are now working on the strategic plan, which he helped come up with.
- Over the next year a focus is going to be getting the SMP some traction and getting it adopted. If the RISE Board doesn’t take an active role things are going to fall apart. The OS is going to need a lot of help and support over the next two years.
- One of the things Wyatt remembers about RISE development is the key tenants – one of which was making sustainability sustainable. We want to demonstrate to the students that we are saving that $20 per student per semester. This is part of what the SMP is doing. Attacking low hanging fruit has been critical in getting traction – not fighting uphill battles we can’t win (like the coal plant). It’s interesting – very challenging to find new & innovative ideas.
- Wyatt’s goal is to get all of this done and make sure the OS has the support they need.

Q: How much time do you have to devote to the position?
A: I have made this a priority. Typically I have some time after my daughter goes to bed in the evenings.

All board members vote in this election.

The vote was VERY close, but the winner was Ian Johnson

If procedure is the same as last time, this makes Wyatt Vice-chair.

OS Updates

Four people are going to AASHE to present two posters.
- Posters were printed on organic cotton, which can be reused as a table display at booths and made into something else if they are not wanted anymore after a while.
- Topics are the Sustainable App Challenge and the Murie Zero Waste Prototype

The Do it in the Dark competition is about to start.
- Prize is $500 for the winning hall.
- MBS, Lower campus, and Cutler are all participating.
The Wood Center is getting a cardboard bailer.

The OS is working on integrating comments into the Sustainability Plan.

Last semester a proposal was funded to convert the CTC parking garage to LED lighting. Now completed, this conversion has saved over $2000 in the first month. The OS did ask for kickback for the sustainability fund, but was not able to get one. However, if we open the revolving loan fund this type of project could feed into that.

Q: Can the Board write a letter in support of establishing this fund to help move it along?
A: Most definitely. I can fast-track that now if you want. My boss said to meet with Raj and see what he wants. It would be very appropriate for you to write a letter. You can do it via e-mail as well. When you write the letter mention the CTC garage.

Motion to approve a letter, and then get the Boards approval on it. Rodney- second that, pending copy e-mailed out.

Next summer ALL shuttles will be cancelled except for the electric one, funded by a student proposal last spring.

Q: Was this project funded to cut jobs?
A: No. The entire University took a large budget cut and it was distributed across all departments. This is one area where Facilities Services was cut. Not a direct result of the shuttle proposal. Jobs were cut all across campus.

Greenhouse update: Michele Mouton & Jan Dawe were writing a proposal but are putting things on hold until we know more about the plans for the greenhouse. UAF has decided to not put it at the original upark site identified. Instead it is being taken down, stored, and possible attached to the new power plant.

Proposal: Saving Paper, Saving Trees

No funds were requested.

Propose that boxes for paper to be recycled in are put in all printing areas.

There could be costs associated – signs that explain how to use these boxes and picking up excess.

The surplus paper would be taken to the Math center.

Think it’s a great idea, nice sentiment the way it is written.

Concern: Not sure if the OS can handle the task of pickup.
Answer: Printing labs can be asked in advance if they would be willing to deliver paper to the Math Center.

A similar program is in place at Oberlin, where they have a co-op that makes extra paper into notebooks.

The board can return the proposal to the student with the recommendation that these items are addressed.
Proposal: Blueberry Renaissance

This student has a company that writes strategic planning documents with a focus on sustainability. His company wrote one for the village of Chuathbaluk. This proposal is for UAF to buy a copy of this document from Chuathbaluk for the UAF strategic plan.

Concern: This proposal does not necessarily benefit students.

Concern: There is a lack of information about the documents contents. This makes it very difficult to know whether or not it would enhance the UAF sustainability plan.

Proposal: Vertical Farm Demo

This student would like to see the Lola Tilly building turned into a vertical farm demonstration and sustainability flagship building. He proposes that we spend $2000 to pay a consulting firm for engineering and conceptual documents.

Concern: We can’t contract with design firms without working through procurement anyway – we would have to go through Design & Construction first, and then it would goes out through the procurement office for proposals.

Concern: There is not much information detailed about the process.

Concern: UAF has planned for this building to become an office building. There is no option for Lola Tilly to be a vertical farm. However, the student has acknowledged the idea of having offices in the building along with the farm.

Concern: As far as the concept goes, we already have a greenhouse that we are trying to get situated. We shouldn’t be taking on another project like this before knowing how the first one will go.

Proposal: Eco-roof Campus/RainWorks Funding

This student is writing a master plan for the EPA RainWorks Challenge to make all roofs on campus into green roofs. To pay for it they want to build solar array to sell power to GVEA for funding these roof gardens. The student wants $2000 to pay a consultant to help write this plan.

Concern: The solar aspect of the project is extremely similar to the project Siemens put through the system - which didn’t make it. The Board of Regents voted it down in 2013.
Answer: Christin Anderson e-mailed one of the co-authors on the project. She was told that the roof aspect is/could be divorced from the solar project.
Concern: Student made plan to get private investors for this giant project. We need to see the scale of these projects to the size of the grant, not start something without knowing who else is (or if) they are funding it.

Concern: The budget not fleshed out. This is a recurring issue with proposals involving this student. Example: communications plans involve flyers or educational materials, but no funds are asked to pay for them.

Concern: The student’s non-profit is working on growing eco-membranes for roofs to sell.

Proposal: Biofuel Test

This is a student senior design project looking for materials to create a biofuel test. It’s a capstone project and will probably be done by the end of the year. They will be working with a professor. This project would be additionally beneficial to the student academically by strengthening their paper.

Concern: Getting buy-in from Chilkoot is going to be important. This project did not seem like it would necessarily going to have lasting effects last beyond the project. If the student had gotten an email from Chilkoot saying they could use this would have been a good idea.

Answer: We can run this project by Chilkoot and see what he says.

Background on biomass in the new power plant - Originally it was going to be burning up to 30% biomass. This has been reduced to 15%. Biomass=wood and paper products.

Funding this project (if we choose to do so) will be contingent on hearing back from Chilkoot that he supports the project. In addition to this the project will be contingent on the student agreeing to share it for the new power plant.

Proposal: Hydroponics and Vermiculture in Pre-service Teacher Education

This is a faculty proposal. This individual wants to show teachers how they can incorporate hydroponics and vermiculture into curriculum. They are requesting $2000. It would be possible to fund at a level of $1000 if we only did one system.

Very well organized. Would support voting on it now if possible.

This proposal is focused on getting this type of knowledge out into the community through teachers. Establishing this knowledge base does make UAF more sustainable.

This individual does lots of sustainability focused courses and curriculum, we can definitely trust her with curricular design.

Early vote results in a unanimous yes.
The RISE Board funded this proposal at a level of $2000.

Proposals: Budget and Voting
The available budget is 10k this semester. We are looking at this type of budget next semester as well. The primary reason is that the RISE Board voted to commit over 20% ($100,000) to solar panels on the new engineering building.

Next year we should have more money available for student projects.

ALL projects will be voted on in one week.
RISE Board Meeting Minutes

11/06/2014

In attendance: Ian Johnson, Michaela Swanson, Christin Anderson, Robert Shields, Ian Olson, Wyatt Hurlbut, Michelle Mouton, Rodney Guritz, April Mustard, Isaac Thompson, Raif Johnson Kennedy, Ben LaRue, Chris Behnkey.
Late: Tyler.

21 days until Thanksgiving!!!

Approved minutes, agenda.

Update from OOS:
Presented sustainability plan to the board and they accepted it to the Master Plan!!! Made a few comments. 25% renewable energy big stretch goal. January 28th 1:00 pm. Chancellor will be introducing the sustainability plan to campus. Vice Chancellor will introduce chancellor, then will have question-panel about the sustainability plan. Will be festive, with food!
RISE board needs to plan how to present the plan. Posters, handouts, powerpoint etc.
Ask other groups if they want to be involved.
Advertise to campus clubs.
Volunteer coordinators: Ian Johnson, Wyatt Hurlbut, Rodney Guritz, Michelle Mouton.

OOS looking for volunteers to table. Twice a week: 12-5 pm, on Tuesday in MBS and Thursday in the Wood Center. Usually focused on a couple projects, currently the sustainability plan.
Many people ask about recycling, water bottle filling stations.
Developing internships to specifically involve people in sustainability.
Facilities might make a leaflet for the composting program they do. Soil without compost added, soil with compost added. Free piece of fruit given to people, thank them for contributing to composting effort.

Dorm Energy Reduction Competition is just getting started.

AASHE Sustainability Procurement, investment, and dining are what Michaela focused on. Will present in a week or two on promising opportunities. Billion Dollar Green challenge—idea of how to structure a green revolving fund. Even if we don’t decide to do that, have a project management tool called GRITS that tracks how much money a project is saving. Has a 30 day free trial.
Michele has already started talking about a revolving green fund. Conversations scheduled to start in December. All cost savings would go there and then be used for future cost saving projects.
Other important tools: People aren’t making huge strides in procurement. Michaela talking to John Heberdt, head of procurement. He thinks objectives are possible. Maybe reduce packaging by 50%. Packaging reduction study for interns?
Divestment? Where the university stops investing in fossil fuels and invests in renewables. We would have to cooperate with UAA and UAS. UAF invests in land, but probably also lots of fossil fuel industries. Emily is helping us request transparency in investment information. Need statewide student movements, committee on sustainable investment.

Potential speaker at the Earth Day celebration - divestment.

ASUAF open forum with the RISE board. Facilitated discussion of our goals and topics to bring to students. Could attend open forum: Chris, Christin, Ian Olson, Wyatt, ASUAF elections are happening the week of Thanksgiving. Should have it sooner rather than later. Tuesday the 18th from 1-2pm. *Pizza* in multilevel lounge or ask ASUAF if they have a recommendation. Need a mic. Invite the SunStar, Ian will record it and make a video montage. Talk to Karla about filming rules. Format: Could do lightning talks about four or five good projects. FreeStore- Christin, GreenBikes -Hannah, Master Plan-Michelle, Snowmachine project-Isaac, Community garden-M.C. Levis, Sustainable Village-Ian. LEDs at CTC -? Solar panels -? Computer shutdown -? How much money is being offset? Tips for Do-It-In-The-Dark. Start flyering for it NOW. OOS got it.
RISE BOARD MEETING MINUTES

Date
12/4/14

Start Time
1:14pm

Stop Time
2:02pm

Members Present
Ian Johnson, Student, Chair
Wyatt Hurlbut, Student, Vice Chair
Rodney Guritz, Student
Michele Mouton, Director of Sustainability
Isaac Thompson, Student
Christin Anderson, Student
April Mustard, ASUAF President’s Representative

Members Absent
Anne Williamson, ASUAF Office Manager
Falk Huetttman, Faculty Representative
Raif Johnson-Kennedy, UAF Community Representative
Chris Behnkke, Student
Jennifer Schell, Faculty Representative
Ian Olson, Staff Representative
Ben LaRue, Community/Chancellors Representative

Guests
Christi Kemper, OoS Administrative Assistant
Michaela Swanson, OoS Project Coordinator
Robert Shields, Student, Member of SCAF

Approval of Meeting Minutes

The last meeting minutes are not up on the drive yet

Christin took the last meeting minutes and will put newest minutes up on the drive for approval next time.
Updates: Sustainable Campus Action Force

SCAF is going to start talking about planning Earth Day celebrations soon

Robert Shields has been named champion of Beyond Coal Club AND Energy Ambassador for SCAF
- Want UAF to stop all coal use by 2019 and change Sustainability Plan to say this
- Think that the current biomass goal outlined in the SP (25%) is too low
- Originally at 30%; reduced at the request of the UAF SP steering committee and Master Planning Committee.

A document called the Declaration of Energy Independence outlining the demands has been signed by SCAF:
- Want to stop using Student Sustainability Fee to fund student projects
- Want to use community power financing to fund projects instead
- Want RISE to use Student Sustainability Fee to pay someone to design a business model for community power financing
- Want RISE and UAF to invest in onsite power generation that is not coal
- This document is available from SCAF and will be sent out after the meeting

Note: Everything must go through Master Planning, Procurement, Master Planning Committee, etc. This makes this type of business model difficult to put in place (though not impossible) and take a lot of time.

Note: RISE has attempted a community-power alternative energy finance project within the past 24 months but it was voted down by the Board of Regents.

Discussion: RISE History with Community Financing

RISE has attempted to finance a project in a way similar to what SCAF would like before

UAF had an alternative energy group that had Design & Construction staff, UAF students, engineering faculty, etc. After the SRC project this group set goals & priorities for UAF in renewable energy.

Designed a solar map and prioritized 7 buildings
- This went to Master Planning, who didn’t want solar panels in all of these locations at the time.
- MPC requested that we develop aesthetic guidelines for solar panels.

Decided to work with Siemens to develop a large 1Mw solar array to be placed on the hill below Butrovich.
- Siemens was going to pay to build it, and then take the tax credit for 7 years.
- After 7 years the tax credit would go back to UAF.
- This project would have kept UAF from buying GVEA power in the summer.
- The project looked like it was going through, but was stopped for 2 reasons.
FNSB taxes this type of project
- FNSB was going to levy a $70,000 tax on Siemens
- UAF thought it could be waived, but it can’t be

The Board of Regents voted the project down. A primary concern cited was aesthetics.

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**Updates: Office of Sustainability**

Getting ready for implementation of SP. Starting to implement and delegate tasks.
- The SP has been signed by the Chancellor and adopted by Master Planning.
- Chancellor is presenting the SP January 28th

Meeting with head of finance to set up green revolving fund

In contact with REAP (Renewable Energy Alaska Project) about 25% by 2025 energy goal

Michaela developing a 6 month report for Murie 0 waste.

Q: What happened to Amanda Byrd’s plastics-to-fuel plan?
A: She didn’t feel she had a reliable source for quantity, so the project has been dropped for now.

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**RISE Updates: Active Subcommittees**

Subcommittees are going to be important for implementing the SMP

Recycling Subcommittee:
- Would like to resurrect the Recycling subcommittee
- Rodney is willing to chair this and be a liason to both the community Recycling Task Force and the borough Recycling Commission.
- Michaela will look for old meeting minutes for them to use as a resource

Curriculum subcommittee
- Meeting regularly and looking at how to enable the SP in terms of curriculum
- Looking at degree development
- Looking at identifying which courses are “sustainability focused“ and “sustainability related”
- It will be a challenge going from STARS 1.0 to STARS 2.0, looking at updating things to match.

Michele would like new subcommittees to look at the SP and see what they can do that is in the plan.
Green Bikes has a steering committee. There are no current RISE members on it.
- If somebody wants to start attending they can let Michaela or the Green Bikes employees know.

The Chancellors Food Committee is active, not a part of RISE directly.
- Britta Hamre is the current liaison to RISE.

An RFP committee needs to be formed for putting on the RFP Workshop.
- Need to make sure there is a RFP session this Spring.

Q: Has there ever been an Energy Subcommittee?
A: Not exactly. UAF had an energy-focused working group made up of Design & Construction staff, engineering faculty, UAF students, and other interested UAF community members.

Idea: Let’s look at bringing in presenters to talk to the RISE Board that tie in with the SP.

RISE Updates: Funded Projects – Fluidized Bed for Biomass Research

Going to start building next semester.

The new plant will be a circulating fluidized bed, so this will be valuable research.

Designing a scale model for the upcoming plants fluidized bed for biomass research.
- Right now they are working on making the plans/designs.
- Have to scale it proportionally to engineering parameters.
- Chilkoot (head of UAF Powerplant) is letting them know about the sizing of coal, etc. so that they will have good research for finding the best ratio/amount of biomass to burn to maximize this and get the optimum benefit.

Reflection on the Open Forum

Positive things
- Great participation by the board
- Lightning talk format went well
- The sticky-note poster idea was well received and had lots of participation
- Revealing because lots of the ideas suggested by students are in place already

Possible changes for next time
- Shorter lightning talks
- Limit questions to the end only

RISE Would like to do this on a semi-frequent basis. Maybe once per semester.