

Green Fund Open Meeting Minutes
Annual Grant Allocation Meeting
El Portal Conference Room
March 15th, 2019
3:30-4:58 pm

I. Call to order. Green Fund Committee annual grant allocation open meeting comes to order at 3:30pm on March 15th, 2019.

II. Roll call:

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|--------------------------------|------------------------|
| <u>Chair</u> Slagle | <u>Member</u> Alaniz |
| <u>Vice Chair</u> Rudnick | <u>Member</u> Bauman |
| <u>Secretary</u> Doty | <u>Member</u> Hirshman |
| <u>Treasurer</u> Graves | <u>Member</u> Shannon |
| <u>Public Relations</u> Conley | <u>Member</u> Shudlick |

Advisors present: Chrissy Lieberman, Julia Rudnick.

Members absent: Treasurer Graves

III. Minutes: Minutes from the last open meeting are approved.

IV. Treasurer's report:

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|--------------------------------|---------------|
| Funding, refunds and rollover: | \$ 464,060.33 |
| Spent this Fiscal Year: | |
| Operations: | \$ 12,988 |
| Annual Grants: | \$ 395,400 |
| Mini Grants: | \$ 16,900 |

V. Old business: Untable GFMG 19.13. Motion passes by vote of 10-0-0.

VI. New business:**VOTES**

| ID# | Project | Amount Requested | Votes |
|---------------|---|------------------|----------------|
| GFMG 19.13 | Compost bins for the Student Union | \$1,800 | 5-4-0; passes |
| GFMG 19.15 | Dodge the Dumpster - Greek Life | \$200 | 10-0-0; passes |
| GFMG 19.16 | Biosphere 2 Science Podcast and Outreach Recording Studio | \$1,500 | 10-0-0; passes |
| GFMG 19.17 | Spring Fling Bike Valet | \$800 | 8-2-0; passes |
| GFMG 19.18 | Seeding a new future for Arizona's Incarcerated | \$1,900 | 9-0-1; passes |
| GFMG 19.19 | Sustainable Transportation Student Packages | \$2,000 | 6-3-1; passes |
| GFMG 19.20 | UA Community Garden Ramada Cistern | \$2,000 | 8-1-1; passes |
| GFMG 19.21 | Increasing Diversion Rates at Spring Fling | \$1,000 | 8-1-1; passes |
| GF 20.01 | Phase II: UA Greenhouses | \$103,900 | 2-8-0; fails |

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|--------------|--|-----------|---|
| GF 20.02 | Mobile Solar Demo Cart | \$3,800 | 10-0-0; passes |
| GF 20.03 | KineX Study Space | \$99,700 | 1-9-0; fails |
| GF 20.04 | PTS Solar Electric charger | \$94,200 | 2-8-0; fails |
| GF 20.05 | Solarmetric Analysis | \$4,100 | 5-4-0; passes |
| GF 20.06 | Mock Roof Solar | \$6,700 | 10-0-0; passes |
| GF 20.07 | Rescued Produce | \$4,100 | 10-0-0; passes |
| GF 20.08 | ENR2 Agrivoltaic Support | \$9,000 | 10-0-0; passes |
| GF 20.09 | Compostable Dining Ware | \$145,300 | 3-7-0; fails |
| GF 20.10 | Fill It Forward | \$5,800 | 2-8-0; fails |
| GF 20.11P | Environmental Learning | \$56,800 | Amended to fund \$50,000. Amendment passes by vote of 9-1-0. Funds will be taken out of the Undergraduate/ERE Category. |
| GF 20.12 | TVF Tractor | \$6,800 | 10-0-0; passes |

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| GF 20.13 | Recycle Bins | \$12,500 | 2-7-1; fails |
| GF 20.14 | Green Team | \$23,800 | 6-3-1; passes |
| GF 20.15 | Compost Cats | \$50,500 | 8-1-1; passes |
| GF 20.16 | Green Reach | \$20,000 | 10-0-0; passes |
| GF 20.17P | Greening the Game | \$27,000 | Amended to fund \$26,000. Amendment passes by vote of 10-0-0. Funds will be taken from the travel category. |
| GF 20.18 | UA Community Garden | \$9,200 | 10-0-0; passes |
| GF 20.19P | Beerworms | \$99,700 | Amended to fund one fiscal year only in the amount of \$99,700. Amendment passed by vote of 5-4-1. |
| GF 20.21P | Modern Automated Lights | \$73,100 | Amended to fund \$40,000. Funding for 3 of the 6 lights requested. Amendment passed by vote of 9-0-1. |
| GF 20.22P | GreenRide | \$39,100 | Amended to fund \$20,000. Funding for used electric vehicle and operations. Amendment passed by vote of 8-2-0. |

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|--------------------|--|--|---|
| GF 20.23 | Water bottle refill station | \$4,100 | 6-3-1; passes |
| GF 20.24 | E-Waste Recycling | \$7,900 | 9-0-1; passes |
| GF 20.25 | Menstrual Cup ExtraVAGanza | \$26,700 | Amended to fund \$20,000 of this project through Haury. Remaining \$6,700 will be covered by Green Fund funds. Amendment passes by vote of 9-0-1. |
| GF 20.27P | Shaded Therapy Garden | \$10,000 | Amended to fund partially \$5,000. Cut operations budget by 50%. Amendment passed by vote of 10-0-0. |
| GF20.28 | LED court motion sensors | \$27,500 | 9-0-1; passes |
| PAR GF-T20 4 | Cooperative Extension (19.23) | Extend funds through December 2020. | 10-0-0; passes |
| PAR GF-T20 5 | Dodge the Dumpster (19.10) | Alter funding to use \$2,500 for recycle services during move out. . | 9-1-0; passes |

MINI GRANTS FEEDBACK

GFMG 19.13 Compost Bins for the Student Union \$1,800

GF Committee Feedback:

- I think in general, having compost bins is important. However, right now is not the time since Compost Cats does not have the ability to take the compost that will be produced and there is no alternative at this time.
- I would like to see an educational campaign before these changes can be successful in the union.
- I think the compost will likely be contaminated without proper education beforehand.
- Compost bins are important for the union to take the right direction institutionally, and eventually will be a benefit to the university. However, it is necessary to provide distinctions between recycling, trash, and compost that people will understand.
- I really like this grant and want the bins in the unions. This is the right step and I want to fund them.

Vote: 5-5-0; Revote-5-4-0 PASS

GFMG 19.15 Dodge the Dumpster - Greek Life \$200

GF Committee Feedback:

- I feel like this is a demographic that is underrepresented in campus sustainability initiatives, and supporting this initiative will support campus sustainability as a whole.
- I like it – Greek life and sustainability does not always go together.

Vote: 10-0-0

GFMG 19.16 Biosphere 2 Science Podcast & Outreach Recording Studio \$1,500

GF Committee Feedback:

- I think this is a unique way to reach people on campus with sustainability initiatives. It's better than just having an event or advertising. A podcast can disseminate information in new ways, as well as continue to be accessible once they are recorded. It may be overly optimistic in its estimation of reach, but overall it supports our mission.
- I am a big fan of this because it gets out information to folks and it's forever.

Vote: 10-0-0

GFMG 19.17 Spring Fling Bike Valet \$800

GF Committee Feedback:

- I like that this service provides a resources for the people who want to bike to Spring Fling and support alternative transportation. I also think it's great because it is providing student wages.
- I think it shows the community that our campus supports sustainability. It is great to get people thinking about sustainable transportation alternatives and this will give that mission visibility.
- I like because it is paying students and that it gives people other options to get to campus.

Vote: 8-2-0

GFMG 19.18 Seeding a New Future for Arizona's Incarcerated \$1,900

GF Committee Feedback:

- This project involves incarcerated individuals in garden work. The program teaches inmates how to be sustainable and how to grow their own vegetables. I think that this is especially important in our society because we have such a high incarceration rate.
- I like it that this project has has some success in the past.
- We have seen success with this program in the past. Gardening and getting people involved with food systems is extremely positive, especially for this demographic. It can add in benefits besides the actual items produced, such as a greater understanding of food production and the importance of local produce etc.
- I like it that one reason they do these programs is that there is a connection between gardening and how it reinforces duty and something positive about the earth and getting involved.

Vote: 9-0-1

GFMG 19.19 Sustainable Transportation Student Packages \$2,000

GF Committee Feedback:

- I like this project, I hope the passes will be distributed to new students at the U of A to introduce them to sustainable and alternative transportation. I hope it will raise awareness of alternative transportation to people on campus.
- I think these passes should be given out to students that are in need of them. They are also only one-day passes, so I think it will likely make it less impactful since it is short term.
- It pushes for something I did not see in my freshmen year. I like bike share programs and wish I had access to it earlier at the UA.

- I was disappointed at the grant. I don't think these passes will not have the impact they are asking for. I think they are reaching out to folks who already might do this.

Vote: 6-3-1

GFMG 19.20 UA Community Garden Ramada Cistern \$2,000

GF Committee Feedback:

- I like this project, any way we can make our campus more accessible, especially in a community garden, should be supported. I also think it promotes a more inclusive campus sustainable community. This is a simple way that we can promote equal opportunities on our campus.
- I think that any way to make a way to trap water in a garden and to use it then that is a good thing. I think this will also help the garden be more independent and sustainable.

Vote: 8-1-1

GFMG 19.21 Increasing Diversion Rates at Spring Fling \$1,000

GF Committee Feedback:

- I like it that the signage will tell people how to compost and that recycling is important, but I hope that these signs will be able to be reused.

Vote: 8-1-1

ANNUAL GRANTS FEEDBACK

GF 20.01 Phase II: UA Greenhouses \$103,900

GF Committee Feedback:

- I have some concern that GF money will go towards renting green houses and that the project will supply produce to the campus pantry and possibly sell to the union.
- I like that the project is supporting fresh produce that is locally grown and that will be used on our campus will made everything streamlined, efficient, and it is demonstrating communal living in a real application. However, I too have some concern that too much money is going to facilities management.
- It seems to be a lot of money to ask for with not that much produce to show for it; I also have some concern that the project will be taking space away from research. However, I think we should continue to support projects in their early stages.

- I am fully in favor of this project. I have a friend who works for a university and they would love to do this.

Vote: 2-8-0

GF 20.02 Mobile Solar PV Components Demo Cart \$3,800

GF Committee Feedback:

- This demo cart will allow students in this course to physically work with equipment that is relevant to this field. I like it that it provides a hands-on educational opportunity.
- I hope that the students who have access to the cart it learn about sustainability and are inspired to go into a sustainable field.
- I have some concern that it will only directly affect 24 students each year, but hope the cart can be used in future years so the impact is broader. I also hope the cart gets used in community outreach events.
- Provides educational opportunity and hope that the students impacted by the project will think about life sustainability. I hope they can use it with more students than one class.

Vote: 10-0-0

GF 20.03 KineX Study Space \$99,700

GF Committee Feedback:

- I like it that the money will fund an ADA accessible table with solar panels and outlets. The table will let people study outside in the future student success district. While the idea is nice (studying outside, solar powered), it is a very expensive project for ultimately being a table.
- I like the idea behind the project but feel like there are cheaper ways to get students outside.
- I like this project as it would be good to have a study space like this – perhaps even professors would use something like this.
- It's just too expensive.

Vote: 1-9-0

GF 20.04 PTS Solar Electric Charger \$94,200

GF Committee Feedback:

- I like the ambition behind this project, but I am concerned with the scope of the project. It seems like not many students will directly benefit from this project since they are likely not driving electric cars.
- I like that the stations may eventually pay for themselves since they are self-sustaining (solar), but benefits would likely go to PTS and not students/community. While students

may not be driving electric cars, there certainly are people in the community driving these cars.

- I would like to see a survey done to see how many students/faculty use electric vehicles and if the results are positive, come back to the fund in the future. Essentially, I want to see more data on electric car use before a project is funded in the future.

Vote: 2-8-0

GF 20.05 Solarmetric Analysis \$4,100

GF Committee Feedback:

- This tool will be used for hands-on workshops with local Tucson farmers as well as the AGTM 200 class. I like that the tool provides education for students and the community. I think it enables people to make their solar panels more efficient while also deepening an understanding of the field.
- I like that allows students to see what solar panels are actually doing and how they are working. Students in this class would likely benefit professionally and also enjoy the experience.

Vote: 5-5-0 → remove chair's vote → 5-4-0

GF 20.06 Mock Roof Solar Array \$6,700

GF Committee Feedback:

- Money goes towards materials for the UA Campus Ag Center to create a mock roof to teach students to safely install solar panels on a roof. I like it that students will be able to actually experience what they are learning which is extremely valuable.
- I like that students can get a professional development due to the certification through this project. I hope this will encourage students to start understanding alternative energy.
- I like this one as it a gigantic physical thing that allows students to experience solar. The knowledge is valuable.
- I hope that as a society we are moving towards alternative energy. Good to teach students how to safely install solar.

Vote: 10-0-0

GF 20.07 Rescued Produce \$4,100

GF Committee Feedback:

- I really like it that produce from Borderlands Food group will be distributed for free across campus. It will expand the reach of Campus Pantry. I also like that it will limit food waste and also provide healthy options for students on campus.

- I have some concern that it seems like there is a lot of produce that might be coming to campus and I am concerned with the ability of the campus pantry to be able to store all of this produce, but I still feel it is worth a pilot project.
- I am concerned it seems like a lot of produce and can the pantry store it and get to out to students in a timely manner so it does not go bad.

Vote: 10-0-0

GF 20.08 ENR2 Agrovoltaic Support \$9,000

GF Committee Feedback:

- This project will support the research and education component of the agro-voltaics project on the roof of ENR2. I think this is a small request when considering the scope of the project. It seems like a very worthwhile project for students doing research on campus.
- I think the committee was unable to fund it last year due to the large project cost. I am excited that the project scaled down the work and asked for funding again.
- I think this project is unique and awesome that we are doing it on our own campus. I hope it is marketed really well towards all departments, not just STEM departments.
- This is a small request compared to last year. It focuses on student activities. I think we needed to know what plants grow best under solar panels.

Vote: 10-0-0

GF 20.09 Compostable Dining Ware \$145,300

GF Committee Feedback:

- I think this project is expensive, but could serve as a transition from single use to compostable materials. It is a one time ask from one use plastic to fully compostable materials. I also have some concern about additional requests in the future. From my understanding of what is happening with Compost Cats, I think if the unions went to compostable items they could not be processed right now.
- I really like this project and encourage my fellow committee members to vote for this project. Even though there may not be infrastructure for this right now, there may still be value from the educational perspective. It aligns with the Green Fund goals to change from using single use to compostable materials that are better for the environment.
- There is value in the potential institutional change, but I hesitate in voting yes because I can't see how costs will go down in future years, contrary to speculation in the grant. I am also worried about voting yes on this grant as the changes will not likely affect the Unions private chain restaurants that are not university owned. I would like to see the

union have contracts that say private chains must use compostable materials, so this project is consistent throughout the union.

- I know this is an expensive project but they are asking for a one-time money to go compostable. There is some concern they will keep coming back. It's good for the institution. We waste a lot. I think we should be trying to push this. It might be premature but I want to push the initiative.

Vote: 3-7-0

GF 20.10 Fill It Forward \$5,800

GF Committee Feedback:

- This grant will distribute stickers to put on water bottles that will hopefully encourage students to use reusable water bottles. This project seems to aligned with GF values (reusable water bottles, staying hydrated). However, I have not seen any data from the mini-grant that was approved earlier in FY19.
- I would like to see this project come back next year with data from the mini-grant in order to assess funding.
- I think that the project is cool. We want to encourage campus to use reusable water bottles.

Vote: 2-8-0

GF 20.11P Environmental Learning \$56,800

GF Committee Feedback:

- This project supports student engagement opportunities around sustainability. It does encourage students to be changemakers in the community, but I would have liked to see more specific projects in the grant in order to see where the funding will ultimately be going.
- I am not sure but it seems the amount of people reached by the grant may have been an overestimation? However, I think that it does get members of the community involved that may otherwise not be involved with sustainability and I liked the project for that.

Movement to amend the main motion to fund only \$50,000. Seconded.

Vote on amendment: 9-1-0

Vote on original motion: 1-9-0

GF 20.12 Tucson Village Farm Tractor \$6,800

GF Committee Feedback:

- I like that the tractor is a walk-behind which will supplement the farms ability to grow produce as well as a tool for educational use for the interns/community members that volunteer here. It will also reduce the carbon footprint.
- I like that it will save the farm time and money, which will allow students to focus more on the educational opportunities. I think it also supports both environmental and economical sustainability.

Vote: 10-0-0

GF 20.13 Recycle Bins \$12,500

GF Committee Feedback:

- I think the idea is good, but there is no system to keep the cans from being contaminated. This is especially true on 6th street. If it is too contaminated, we cannot recycle at all.
- It is possible that having these bins available will help educate people, but overall I would like to see more educational outreach involved with this program.
- Think having the bins first will encourage folks to recycle. There is no place to recycle so I like this.

Vote: 2-7-1

GF 20.14 Green Team \$23,800

GF Committee Feedback:

- The Green Team is influential to sustainability programs across campus. It provides jobs to students to promote change on campus at the institutional level and I think that is important.
- I think the project offers great opportunities to students since they will act as the conduit between students on campus as well as professional staff/faculty. This project fills the gap between students and staff.
- I like this project because it provides opportunities for professional development.

Vote: 6-3-1

GF 20.15 Compost Cats \$50,500

GF Committee Feedback:

- My hope for this project is that it will promote program longevity. I think Compost Cats has a great influence in the Tucson community and I would like to see it continue. I think composting is still rare in most place and the UA needs to be a frontrunners in composting world.

- I think it's important to support Compost Cats during this phase of transition. My hope is that the program could be institutionalized within the UA as well as the Tucson community.
- I like Compost Cats and like the work they do in the community. I think it's important we continue this program.

Vote: 8-1-1

GF 20.16 Green Reach Small Grant Project \$20,200

GF Committee Feedback:

- I like that this project is kind of like the Green Fund and that it provides opportunities for both UA students as well as younger students in grant writing. I like that it also provides professional development opportunities as well as UA community outreach.
- I like the interaction with TUSD and think its good for the UA to be involved in the community.
- I like this grant –provides us students about grant funding and making impact with community. Professional opportunity and community outreach makes me like this project.
- I love students learning about the funding process. I like the outreach and the relationship with TUSD.

Vote: 10-0-0

GF 20.17P Greening the Game \$27,000

GF Committee Feedback:

- I like that this grant will pay students to work at UA athletic games to divert waste. I think this is encouraging both composting and recycling. I also like that there is also an educational aspect for the community/people attending these games, which is one way to reduce contamination.
- I have been involved with the project in the past and it actually impacts our community since a lot of off-campus people go to the games. I think the project just extends and expands what is considered regular, composting and recycling is just what we do at the UA.
- I like this project- the intersection of athletics and sustainability. It is a great way to reduce waste at athletic events. It really impacts our community.

Movement made to partially fund for \$26,000. The Green Fund does not support travel.

Vote for amendment: 10-0-0

Vote for original: 1-8-1

GF 20.18 UA Community Garden \$9,200

GF Committee Feedback:

- I think this project aligns with our values since the garden has a positive impact on the community.
- I hope the benches the project are proposing will make the garden a more comfortable place. I also would want to see the green fund logo on the new signs.
- I think the funds for the garden manager assistant will be good for the future productivity of the garden.
- I like the garden, it's a great space.

Vote: 10-0-0

GF 20.19P Beerworms \$99,700

GF Committee Feedback:

- Grant will provide funding for pick-up truck, shelving units, as well as undergraduate and graduate students. I would like to see a concrete timeline for profitability and achievement of when the project will become self-sustaining.
- I have some problems with funding this because it may eventually turn into a private company. However, the goal of this specific grant is to help find sustainable protein sources and eventually solve food insecurity issues.
- I find it hard to fund worms for human consumption. I think the unions garden project is more important than the worms and funding to one grad student.
- I don't think the two grants should be compared. The two projects are very different and should not be compared. The reach is less than the garden. I don't like that this project will turn into a company and the GF will be paying for it. I hope this grant will one-day help with food insecurity in the future.
- I wonder what the energy cost of a mealworm diet is? I don't think that the project is explorative, there seems to be a lot of research on bugs for food.
- I don't think we should be putting 25% of our budget on a research project.

Amendment made to fund the project for \$99,700 for fiscal year 2020.

Commentary: It seems too research based and speculative to be of value in our community.

Vote for amendment: 5-4-1

Vote for original: 0-9-1

GF 20.21P Modern Automated Lights \$73,100

GF Committee Feedback:

- I think bringing in LEDs to the theater department is very beneficial to the students since it gives them greater insight into professional fields. I also like that this grant also funds a sustainable project in the arts, supporting a diverse base from who normally gets funded.
- I really like this project- bringing LED's to the theater dept is cool you can do so much with the technology.

Amendment to partially fund the project for \$40,000.

Vote for amendment: 9-0-1

Vote for original: 2-5-3

GF 20.22P GreenRide \$39,100

GF Committee Feedback:

- I like that this project will save money for maintenance and cost. I hope that the money being saved on the electric vehicle will go towards more sustainable projects in the future.
- I am not sure if the students will see the savings of this electric vehicle.

Amendment approve funding for \$20,000.

With the amendment in funding, we hope the project purchases one used electric vehicle.

Vote for amendment: 8-2-0

Vote for original: 3-7-0

GF 20.23 One UA Water Bottle Refill Station At A Time \$4,100

GF Committee Feedback:

- I think it great to promote the use of reusable water bottles. The building it will get put into does not currently have a water refill station, so I think it will be used. The music building does get a lot of foot traffic from marching band, patrons of the events that are held in the school of music, so reservations about the effectiveness of this refill station were erased.
- It's a costly project. But the station will have a large impact due to the amount of students using building. I hope it will encourage more folks reuse water bottles.
- I always use the one in there now and am highly happy with funding the water bottle station.

Vote: 6-3-1

GF 20.24 E-Waste Recycling \$7,900

GF Committee Feedback:

- I think being able to recycle electronics that are no longer used in a safe, easy, responsible way will have a positive effect on campus. It will also divert these items from the landfill.
- I think students don't know what to do with these items so this will also educate people on the potential harms of these items going in normal landfills.
- I never know what to do with old batteries and old phones so I think it is necessary.

Vote: 9-0-1

GF 20.25 Menstrual Cup Extravaganza \$26,700

GF Committee Feedback:

- I think tampons and pads are expensive and harmful to our bodies as well as the environment. This project can change people's lives. I think as long as people who are tabling are diligent about the information that they give out to people, this will be super effective.
- I think folks need to be aware of what they are getting into when they take the cups.

Amendment to fund this through *Agnese Nelms Haury Program in Environment and Social Justice* for \$20,000 with the remainder to be funded through the Green Fund.

Vote for amendment: 9-0-1

Vote for original: 0-9-1

GF 20.27P Shaded Therapy Garden Classroom Space \$10,000

GF Committee Feedback:

- It is my understanding many students from the UofA go to this school for internships and other volunteer based opportunities so the students will also benefit from this space.
- Gardens are always a great educational opportunities.
- I am concerned about some of the things they are doing – I think kids need to be allowed to interpret the space.

Amendment to fund partially for \$5,000 to go to operations.

Vote for the amendment: 10-0-0

Vote for the original: 3-7-0

GF 20.28 LED Court Motion Sensors \$27,500

GF Committee Feedback:

- I support this project. I think there will be a huge decrease in energy consumption from the rec since the current lights remain on 24/7. A lot of students use these courts for many different activities, so it will reach a diverse set of students and other users. The proposal did a very good job of outlining the savings. This also is the beginning of institutional change at the Rec center.
- I think the grant writer did a good job sharing information about energy use and how the switch would save electricity and money. I highly support this project.

PARs DISCUSSION

GF T-204 PAR Bringing Sustainability to Arizona's Communities through Externships

GF Committee Feedback:

I support this PAR. The project will have a new ending date of 12/2020. The committee originally awarded this money, this just expands the amount of time they can use it. Seems beneficial to the community.

Vote: 10-0-0

GF T-205 PAR Dodge the Dumpster

GF Committee Feedback:

Since the DTD program has been dissolved, they no longer need the entire funding for this program. They still want to keep the \$2,500 that go to recycling at move out. We think that this is necessary to keeping this project as sustainable as possible. However, we have concerns that if students are not monitoring bins, they will not be properly used and will become contaminated.

Vote: 9-1-0

VII. **Adjournment:** No new business. Meeting is adjourned at 4:58pm.