

YEAR PLAN

Sustainability Officer

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McMaster Science Society

2020-2021

(submitted June 12, 2020)



**MCMASTER
SCIENCE
SOCIETY**

2020-2021 Year Plan

Letter from the Sustainability Officer

Hello MacSci!

My name is Michelle Mariaprabhu and I'm extremely excited to be the sustainability officer for the MSS during the 2020-2021 school year! This is a new position that was introduced this year and I'm thrilled to work with the internal team, as well as other portfolios, to implement sustainable practices within the MSS, and to use all of our resources efficiently. More importantly, as the sustainability officer, I hope to be an active liaison between the MSS and other sustainability groups at McMaster.

Firstly, I would like to work collaboratively with the Policy and Bylaws officer as well as different portfolios in order to develop and execute sustainable based initiatives for both the Faculty of Science as a whole, as well as the MSS. To get a general idea of some of the sustainable initiatives, I will collaborate with other portfolios to generate as many ideas as we can to establish these strategies. By doing this, the MSS can ensure that we are moving towards a more sustainable future by focusing on the initiatives that we have integrated as a whole.

Additionally, since this is a new position, I will track the work that MSS does in terms of sustainability. By mainly tracking and surveying how things work in the MSS, I can further suggest ideas on how we can implement events in a more resourceful way. By performing a quarterly internal audit, I will be able to quantify how efficiently the MSS is utilizing its resources.

As a new position, I am looking forward to incorporating this position into the MSS in a way where everyone can participate in how we can be more sustainable. By being transparent, and working together with all the portfolios on both a small and large scale, I am confident that we will be able to implement core sustainable practices that will carry on. I am ready to grow by working alongside with the MSS and am ready to face the challenges that come with stepping into a new role. Please do not hesitate to send me an email if you have any comments or feedback, I would be happy to work with you!

Michelle Mariaprabhu

Sustainability Officer

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OBJECTIVES:

Objective 1: Develop & Implement Sustainable Practices	
Description/ Current State	<p>Understand how and where we can implement sustainable practices</p> <ul style="list-style-type: none"> - Resources aren't being used as efficiently as they can be, learn where we can improve and how it would be feasible - Collaborate with Internal Portfolio in order to develop and implement sustainable practices within the MSS.
Goal	<p>Have sustainable practices ready for execution during the school year</p> <ul style="list-style-type: none"> - Reach out to other portfolios to collaborate on how to implement the efficient use of resources. - Write down feasible sustainable initiatives that all portfolios are on board with - Encourage MSS members to reach out if they have any ideas on how to be more mindful of resources that can be established and integrated into the Faculty of Science or MSS
Barriers to Success	<p>I can come up with lots of ideas with everyone on the MSS, but implementing is easier said than done. Some initiatives might be difficult to achieve online given the current climate.</p>
How?	<p>Receive feedback from different portfolios of the MSS through a Google form from past events on where sustainable practices can be implemented</p> <p>Modify existing policies with Policy Bylaws Officer to further improve efficiency.</p> <p>Communicate directly with the Office of Sustainability to adjust current practices, and implement new ways to be more sustainable for a society in our magnitude.</p> <p>Talk to other sustainability groups on campus to see if there are any ideas that we can implement within the MSS as well.</p>
Long Term Implications	<p>Overall creating a more systematic, structured way of making the MSS more sustainable and to carry out sustainable practices that will be passed down to further years.</p>
Partners	<ul style="list-style-type: none"> - Department / Office of Sustainability (asp@mcmaster.ca) - MSU Sustainability Education Committee (sustainability@msu.mcmaster.ca) - SRA Science (srasci@msu.mcmaster.ca)

	-Policy and Bylaws Officer (policyandbylaws@mcmastersciencesociety.com)
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Objective 2: Tracking Divisions of Resources and Work	
Description/ Current State	To perform quarterly audits within the MSS to quantify our resources to see if we're implementing the practices properly. <ul style="list-style-type: none"> - Lots of possibilities for the MSS to utilize supplies and materials in a more supportable and resourceful manner.
Goal	<ul style="list-style-type: none"> - Being able to increase our efficiency of resources for the 2020-2021 school year in a quantifiable manner. - Make a list of how much we have changed from the beginning of the year to the end. - Keep our events sustainable even throughout the online semester.
Barriers to Success	<ul style="list-style-type: none"> - It could be hard to quantify because of online schooling. - Results might not be apparent within the beginning stages.
How?	<ul style="list-style-type: none"> - Tracking the work that MSS does by collecting data, surveys during every quarterly audit. - Quantifiable values on what resources we are using monthly, how we are using them, and which events use up more resources - Collect feedback from the Faculty of Science and the MSS for improvement.
Long Term Implications	Overall decreasing the waste that the MSS produces, and increase the efficient use of resources being able to specify how far we have come in terms of sustainability and efficiency.
Partners	<ul style="list-style-type: none"> - VP Student Affairs (vpstudentaffairs@mcmastersciencesociety.com) - VP External (vpexternal@mcmastersciencesociety.com) - VP Internal (vpinternal@mcmastersciencesociety.com) - Internal Operations Officer (internalops@mcmastersciencesociety.com) - All Science Students who are willing to provide feedback.

GOALS TO STRIVE FOR

Things that you wish to have prepared for the beginning of September:

1. Develop sustainable practices
2. Reach out to other members of the MSS to gauge where we can improve

3. Implement practices - by September

Things to be completed during the fall term (1st):

1. Quarterly Audit #1
2. Quarterly Audit #2
3. Work with Internal Portfolio to address how sustainable initiatives are going
4. Collaborate with other portfolios on events to make it more sustainable and efficient.

Things to be completed during the winter term (2nd):

1. Quarterly Audit #3
2. Collaborate with other portfolios on events to make it more sustainable and efficient
3. Quarterly Audit #4
4. Quantify the number of resources we've utilized more efficiently
5. Transition report for incoming Sustainability Director

TIMELINE

Month	Objective/Project/Event/Goals
June	- Start drafting sustainable practices
July	- Reach out to MSS about initiatives - Reach out to Office of Sustainability for ideas that we can integrate into the MSS
August	- Finish developing practices and work with Policy Bylaws Officer to implement these practices for the school year.
September	- Implement practices that were completed in the summer - Collaborate with other portfolios to quantify resources that have been used monthly.
October	-Quarterly Audit #1 -Contact Internal portfolio members to address how the initiatives are progressing #1 - Collaborate with other portfolios to quantify resources that have been used monthly.

November	<ul style="list-style-type: none"> -Work with portfolios based on Audit #1 to see where to improve -Start brainstorming efficient resources for Formaldehyde. - Collaborate with other portfolios to quantify resources that have been used monthly.
December	<ul style="list-style-type: none"> -Quarterly Audit #2 Contact Internal portfolio members to address how the initiatives are progressing #2 - Collaborate with other portfolios to quantify resources that have been used monthly.
January	<ul style="list-style-type: none"> -Work with portfolios based on Audit #2 to see where to improve and how we have improved since Audit #1 - Collaborate with other portfolios to quantify resources that have been used monthly.
February	<ul style="list-style-type: none"> -Quarterly Audit #3 Contact Internal portfolio members to address how the initiatives are progressing #3 - Collaborate with other portfolios to quantify resources that have been used monthly.
March	<ul style="list-style-type: none"> -Work with portfolios based on Audit #3 to see where to improve and how we have improved since Audit #2. - Collaborate with other portfolios to quantify resources that have been used monthly.
April	<ul style="list-style-type: none"> -Quarterly Audit #4 -Complete transition report for incoming Sustainability Director