

## COVER PAGE

### PROJECT INFORMATION

Please complete the fields below with information regarding your project.

<b>Project Title</b>	<u>INgineer Your Path</u>		
<b>Brief Description</b>	<u>INgineer Your Path is an experiential learning program that empowers student engineers to actualize their creative potential and become a transformational leaders in their communities.</u>		
<b>Total Estimated Project Budget</b>	<u>\$ 6500</u>	<b>Amount Requested from SPF</b>	<u>\$1,500</u>
<b>Campus(es) Impacted</b>	<input checked="" type="checkbox"/> Downtown <input checked="" type="checkbox"/> Macdonald <input type="checkbox"/> Gault Nature Reserve <input type="checkbox"/> Other _____		

### CONTACT INFORMATION

#### Project Leader

This person must be a current McGill University student, administrative staff, or academic staff.

Name	<u>Elie Abou-Jaoude</u>	Affiliation	<u>Postgraduate</u>
Email	<u>elie.abou-jaoude@mcgill.ca</u>	Campus	<u>Downtown</u>
Faculty/Unit/Organization	<u>Graduate Student   McGill Engineering Student Center, Faculty of Engineering</u>		

#### Project Team Members

The SPF encourages you to be inclusive, collaborative (especially between staff and students), diverse, and interdisciplinary when possible. To list more members, please complete a second cover page. You may email it to [SPF Staff](#) to include with your application.

Name	<u>Carolina Campos</u>	Affiliation	<u>Postgraduate</u>
Email	<u>carolina.camposvalverde@mail.mcgill.ca</u>	Faculty/Unit/Organization	<u>Engineering</u>
Name	<u>April Babey</u>	Affiliation	<u>Administrative Staff</u>
Email	<u>april.baby@mcgill.ca</u>	Faculty/Unit/Organization	<u>MESC, engineering</u>
Name	<u>Empower/Mesc</u>	Affiliation	<u>Administrative Staff</u>
Email	<u>empower.engineering@mcgill.ca</u>	Faculty/Unit/Organization	<u>MESC, engineering</u>
Name	_____	Affiliation	<u>Choose one.</u>
Email	_____	Faculty/Unit/Organization	_____
Name	_____	Affiliation	<u>Choose one.</u>
Email	_____	Faculty/Unit/Organization	_____

### SUBMISSION INFORMATION

In line with the [SPF Eligibility Criteria](#), our team certifies that this project takes place at [McGill University](#), is [sustainability focused](#), is requesting [seed funding](#), and is [action oriented](#).  Yes  No

Our team has read the [SPF Terms & Conditions](#) and agrees to respect them.  Yes  No

Our team understands that this application is not confidential and consents to have its contents shared with relevant stakeholders during the review process and, if approved, on the SPF website.  Yes  No

Our team agrees to have [their contact information](#) included in the complete and shared application and, if approved, on the SPF website.  Yes  No

## PROJECT OVERVIEW + PLAN

**Instructions:** Please answer the questions as clearly and concisely as possible; then, submit your draft online. SPF Staff will respond with feedback on your application within two weeks. Once finalized, the application will be provided to the SPF Governance Council for their review and decision. As a reminder, all SPF applications are assessed using the [SPF Eligibility & Evaluation Criteria](#):

ELIGIBILITY CRITERIA		EVALUATION CRITERIA		
AT MCGILL	SUSTAINABILITY FOCUSED	ANALYSIS	IMPACT	FEASIBILITY
SEED FUNDING	ACTION ORIENTED	COLLABORATION	SUPPORT	CAPACITY BUILDING

Before starting, you may find it helpful to consult the [SPF Sustainability Brief](#) and the [Climate & Sustainability Strategy 2020-2025](#).

### CONTEXT

Criteria assessed in this section: **SUSTAINABILITY FOCUSED, ANALYSIS**

- 1. What specific sustainability-related need/issue have you identified at McGill and aim to address through your project? In your response, please describe clearly how the need/issue is related to sustainability and what research you have done on this issue.** *Note: Please wait to detail your project idea in Question 2. Limit ~200 words*

This program has been offered in Fall 2021, Winter 2022, and is being offered again this Fall 2022. We identified that many students in engineering have the technical skills and interest to create initiatives but may not feel like they have the sustainability knowledge, peer support, or self-confidence to pursue them at the university or in their communities. In addition, students may not know how to holistically adapt their sustainability initiatives to local contexts, and could benefit from additional training in systems thinking and human development to better understand the in-depth dynamics and eco-social challenges that exist within a context (ex: on campus). These skills are not covered in most of the core engineering courses, which is why this program was created to complement their technical knowledge with sustainability, social, and human competencies.

Overall, the IYP program truly empowers students to believe they can make a difference on campus and supports them in the process of creating an initiative that matters and feels meaningful to them. Personal development is an area of sustainability that is often underexplored; well-being and self-actualization are sustainability indicators to value in an initiative or a project that is embedded in a holistic approach.

### PROJECT IDEA

Criteria assessed in this section: **ALL ELIGIBILITY & EVALUATION CRITERIA**

- 2. What is your project idea? Please describe the idea thoroughly and concisely. Identify how SPF funding will be used, key contributions to sustainability at McGill, and, if your project is happening in different stages, core phases of the project.** *Note: You may also share how the project is new or how it complements, builds upon, or scales existing initiatives. Limit ~400 words*

The IYP program consists of online workshops (6) and in-person activities (2) in the city of Montreal and at McGill, where students will visit eco-projects and meet with local non-profits and student leaders to inspire them to create their own sustainability initiatives on campus or in their communities. The online workshops are interdisciplinary and integrate diverse worldviews. They are meant to be creative, engaging, introspective, and transformative, and will cover a variety of topics related to sustainability, community dynamics, and personal growth, all within the context of engineering. A total of 22 students have registered for the Fall 2022 program, which will last from September to December 2022.

This is the third time the program is offered at McGill, but the in-person activities are new components and form the core of experiential learning. We want to encourage students to take their sustainability/community initiatives

further than just ideas by taking action and applying to SPF or other available funding at the university. Students will also have a chance to attend on-campus a final networking exhibition where they'll have a chance to present their ideas to invited speakers from diverse non-profits and stakeholders from the University. After this program, students who participate will be better equipped with the skills to tackle sustainability challenges on campus and in their own personal lives, and will contribute to enhancing a culture of sustainability within the engineering faculty (in their courses and other involvements).

Why SPF? The second in-person activity and the final exhibition will both be on campus. The in-person activity will be in a reserved room at Engine and will invite student leaders in sustainability from McGill to join and come meet the IYP students. To make this experience as enriching as possible, we'd like to provide zero-waste catering for the students attending, which requires funding; these activities also need additional help to organize them. The SPF funding will ensure that students are motivated to come to these events, meet their peers from the program, and move forward with their initiative ideas that they'd like to implement at McGill University or in their communities. Also, some of the speakers/attendees for the exhibition require a small fee to come to meet the students.

3. Is your project related to the University's [Climate & Sustainability Strategy 2020-2025](#)?  Yes  No
4. Is your project related to the University's [Equity, Diversity & Inclusion Strategic Plan 2020-2025](#)?  Yes  No
5. If you answered yes to Question 3 or 4, how does it relate? Please refer to the relevant strategy category, theme, goal, and/or action in your response. *Limit ~200 words*

During one of the in-person meeting, students will have the opportunity to visit sustainability sites in Montreal (a zero-emission building, an urban rehabilitation project, etc.) to inspire them in the elaboration of their own initiatives at McGill. They will also get a chance to meet with student leaders in sustainability at McGill university who worked on climate-related projects on campus. Also during the online workshops, we will discuss some of these climate and sustainability strategies. Finally, the IYP program accepts students from all the engineering departments and is very inclusive to all types of sustainability projects students want to initiate (environmental, technical, social,...). All the students will be given equal level of attention and opportunity in the development of their project's proposals and in the application to different funding sources including SPF.

## IMPLEMENTATION

Criteria assessed in this section: **ACTION ORIENTED, FEASIBILITY, IMPACT**

6. List the key **activities** for your project and indicate the timing for these on the right. Please be specific and realistic when formulating your activities, ensuring that they are achievable within the indicated timeframe.

Key Project Activities	Start Date (DD-MM-YY)	End Date (DD-MM-YY)
Sustainability event at McGill: Meet the student leaders (Second in-person activity)	05-11-2022	05-11-2022
Final exhibition: presenting their sustainability initiatives	02-12-2022	02-12-2022

7. Please describe what will happen to your project after the SPF funding ends. Additionally, please share if anything will be produced or installed (e.g. a workshop guide, equipment, a toolkit, a network, website, etc.) and indicate future maintenance plans. *Limit ~200 words*

Students will have the opportunity to apply to SPF or other fundings with a clear proposal ready by the end of the IYP program. Their initiative ideas will also be posted in the corridor in the FDA building which other students in the faculty of engineering can read. In the last two IYP programs, these boards have also been installed.

## TRANSFORMING CAMPUS

Criteria assessed in this section: **AT MCGILL, IMPACT**

8. In the table below, describe your proposed project's 1-3 main impacts on the McGill community or its main goals to accomplish. Please check the McGill stakeholders that will be impacted. Finally, list at least one key **success indicator** for each impact (e.g. # people engaged, % waste diverted, # buildings certified, etc.). *Note: Indicate a realistic target for each success indicator (e.g., rather than "# people engaged," list a target such as "50 people engaged").*

Main Impacts/Goals		McGill Stakeholders Impacted (check all that apply)	Key Success Indicator(s)
REQUIRED	1 Students create their own initiatives, with a full holistic understanding of sustainability factors.	<input checked="" type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Academic Staff <input checked="" type="checkbox"/> Postgraduate <input type="checkbox"/> Admin. Staff <input type="checkbox"/> Alumni	# of students applying to SPF
OPTIONAL	2 Students feel engaged to participate on campus in sustainability events and have greater confidence.	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Academic Staff <input checked="" type="checkbox"/> Postgraduate <input type="checkbox"/> Admin. Staff <input type="checkbox"/> Alumni	# of students engaged throughout the program
	3	<input type="checkbox"/> Undergraduate <input type="checkbox"/> Academic Staff <input type="checkbox"/> Postgraduate <input type="checkbox"/> Admin. Staff <input type="checkbox"/> Alumni	

## STAKEHOLDER ENGAGEMENT

Criteria assessed in this section: **AT MCGILL, COLLABORATION, SUPPORT, CAPACITY BUILDING**

9. Please list 3-5 key stakeholders involved in your project, indicating their role and support. If the stakeholder has provided a support letter, please indicate so here and attach it as an appendix document. *Note: Projects involving modifying a space on campus, making a permanent installation, hiring a full-time staff, or adding/modifying a garden, etc., must seek permission from the appropriate stakeholder(s) (e.g. building director, Campus Planning and Development Office, staff supervisor, etc.). SPF Staff can help you assess if any key stakeholders need to be added to your list.*

Stakeholder's Name(s)	Title	Role in the Project	Support/Permission	Support Letter
McGill Engine		Room rental/promoters	Confirmed	Choose one.
EUS		Promoted the program	Confirmed	Choose one.
TISED		Promoted the program	Confirmed	Choose one.
David Frost	Associate Dean	Sponsor through MESC	Confirmed	Choose one.
Kaila	Director	Sponsor through MESC	Confirmed	Choose one.

10. How will you communicate about your project and share its impacts with the McGill community? Please describe your key tactics (e.g. social media, workshops, tabling, etc.). *Limit ~200 words*

The IYP has already been promoted through engineering communications and the group of students have been formed. 22 students in total have registered for FALL 2022 and will participate in the program.

11. If applicable, are there any training, volunteer opportunities, jobs, or complementary applied student research integrated in your project? Please describe. *Limit ~100 words*

A total of 6 online workshops are offered as part of the program on various topics ranging from sustainability, systems thinking, community dynamics, and personal growth. There will also be opportunities to meet with various non-profits so that students can expand their networks and knowledge in diverse sustainability areas.



## APPENDIX

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### Relevant Support Documents

List any appendix documents in order in the table below.

*Please keep the total number of pages as low as possible (recommended maximum is 5). Please include any relevant support letters.*

Doc #	Appendix Document Title	# of Pages
1		
2		
3		
4		
5	<a href="#">Staff Position Information Appendix</a> , if applicable	