

COVER PAGE

PROJECT INFORMATION

Please complete the fields below with information regarding your project.

Project Title Reuse, Redevelop and Redesign: Maude Abbott Medical Museum Displays

Brief Description Repurpose 14 fire hose stations in the Strathcona Anatomy Building to display artifacts from the Maude Abbott Medical Museum (MAMM) along with images from manuscripts and anatomical atlases.

Total Estimated Project Budget \$17,654.44 **Amount Requested from SPF** \$17,304.44

Campus(es) Impacted Downtown Macdonald Gault Nature Reserve Other _____

CONTACT INFORMATION

Project Leader

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

Name	<u>Joan O'Malley</u>	Affiliation	<u>Administrative Staff</u>
Email	<u>joan.omalley@mcgill.ca</u>	Campus	<u>Downtown</u>
Faculty/Unit/Organization	<u>Maude Abbott Medical Museum (MAMM) Medicine</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>Richard Fraser</u>	Affiliation	<u>Academic Staff</u>
Email	<u>richard.fraser@mcgill.ca</u>	Faculty/Unit/Organization	<u>Medicine</u>
Name	<u>Joan O'Malley</u>	Affiliation	<u>Administrative Staff</u>
Email	<u>joan.omalley@mcgill.ca</u>	Faculty/Unit/Organization	<u>MAMM Medicine</u>
Name	<u>Mary Hague-Yearl, Dr</u>	Affiliation	<u>Academic Staff</u>
Email	<u>mary.yearl@mcgill.ca</u>	Faculty/Unit/Organization	<u>Osler Library</u>
Name	<u>Sarah Oliel</u>	Affiliation	<u>Undergraduate</u>
Email	<u>sarah.oliel@mail.mcgill.ca</u>	Faculty/Unit/Organization	<u>Medicine</u>
Name	<u>Sean Goldfarb</u>	Affiliation	<u>Postgraduate</u>
Email	<u>sean.goldfarb@mail.mcgill</u>	Faculty/Unit/Organization	<u>Medicine</u>

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

PART 1: PROJECT OVERVIEW

Instructions: Please answer the questions below as clearly and concisely as possible. You will be able to detail your project further in Part 2 of the Over \$5,000 application process, the Project Plan, as well as submit relevant appendices. Once you have completed this Project Overview, save it and submit it online. SPF Staff will respond with feedback on your application within two weeks and send you Part 2. Once all sections are complete, the combined 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.** *Note: Please wait to detail your project idea in response to Question 5. Limit ~100 words*

McGill museums/libraries/archives have specific environmental requirements and challenges in storage and display/access. Sustainable collection management includes an action plan to provide access to users. Revitalizing spaces around campus for displays can meet some of these needs and foster environmental and social sustainability. Architectural elements such as the unused Strathcona Anatomy and Dentistry Building (SAD) fire hose stations meet many display requirements (including aesthetics, performance, and functionality), especially sustainability concerns, in that they can be repurposed quickly and economically with little environmental impact.

- 2. How do you know this is a need/issue? What research have you done on this need/issue (e.g. consultation, observation, survey)?** *Limit ~100 words*

According to Campus Planning and Development, the “effective use of space resources is critical to the success of the university”. The Fire Prevention Office and the Building Director approved the repurposing of the fire stations. There is significant interest in the heritage collection of the Maude Abbott Medical Museum indicated by the number of visitors (2500 in-person visits since the summer of 2022). The displays would give access to the MAMM collections to a large number of students and staff who study and work in the building and exemplify that unused space in some of McGill’s heritage buildings can be transformed into productive and inviting spaces.

- 3. What relevant information and/or best practices have you found that relate to this need/issue? In addition to information from external sources, detail any relevant related initiatives (past or current) that you are aware of at McGill.** *Limit ~100 words*

The SPF has supported a number of projects to transform campus space, including the Campus Gardens and projects such as SP0185: Gardens Inside 365 which proposed the repurposing of office space for growing plants. The imaginative use of the fire hose stations will also add an esthetic component to the environment and promote novel approaches to reusing and repurposing not only material but space, an important element in sustainability on campus.

- 4. What expertise or qualifications does your team have regarding this need/issue, if any?** *Limit ~100 words*

Two team members have managed the MAMM collection since 2003. They have extensive knowledge of the material as well as experience in the sustainable management of the collection including conservation, environmental controls, and accessibility issues. One of the project members is a senior physician who has expertise in health and safety issues and accession/disposal. The staff has a proven track record of the development of student involvement and engagement. Since 2018, a number of displays have been mounted in the Strathcona Anatomy and Dentistry Building (SAD) and the McIntyre Medical Building. Mary Yearl, Head Librarian Osler Library History of Medicine, will assist in the selection of images.

PROJECT IDEA

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

- 5. 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 in 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

This project focuses on the adaptive reuse of a historical heritage architectural element that has lost its initial function. The SAD has 19 fire hose stations that originally housed hoses, then extinguishers. They were left empty about 20 years ago after the installation of ceiling sprinkler systems. In October 2019, the MAMM was awarded funds from the SPF (SP0229). The main results of this project were: (1) a Climate & Sustainability Action Plan to model for the sustainable management of our heritage collection; and (2) increased outreach activities/teaching via use of specimen displays. As part of this project, a prototype display was created in one of the stations (Appendix I and II). Following an assessment of the remaining stations based on location and visibility, this project proposes to repurpose 14 to display: (1) artifacts or anatomical specimens (mostly bones) that illustrate normal anatomy; and (2) corresponding images from well-known anatomical atlas and texts (Appendix III). The texts and artifacts are intimately related to the initial function of the SAD as a place for medical teaching. The overriding theme of the displays is the Delphic aphorism “Nosce Te Ipsum” (“know thyself”), oft-quoted in Renaissance texts of anatomy. Each display will address a specific environmental and/or sociocultural issue associated with health, death and the body, such as cremation, embalming, burial and land use, contagion and spread of disease, and environmental agents associated with health risks (e.g. asbestos, radon, water supply, etc). The large auditoriums in the SAD bring in students from many faculties, including Medicine, Dentistry, Arts, Science, and Engineering, who will see the displays as they go to and from class (the impact will be evaluated by tracking QR codes on the displays and number of guided tour visitors). SPF funding will be used to offset the cost related to the installation of new clear glass windows, design (including graphic elements), and purchase of stands and materials needed to support the artifacts as well as the installation. We will hire an outside graphic designer to complete this work. MAMM staff and volunteers will research the material, select artifacts and images, prepare texts and prepare the stations for the installation. The material displayed does not have any degradation issues, such as susceptibility to atmospheric pollutants, so sealing and temperature/humidity controls are not needed. All approvals for repurposing the stations have been received. The project could be completed by Fall 2023 in one phase.

6. Is your project related to the University’s [Climate & Sustainability Strategy 2020-2025](#)? Yes No
7. Is your project related to the University’s [Equity, Diversity & Inclusion Strategic Plan 2020-2025](#)? Yes No
8. If you answered yes to Question 6 or 7, how does it relate? Please refer to the relevant strategy category, theme, goal, and/or action in your response. Limit ~200 words

The project promotes the reduction of waste material/spaces as well as focusing on the value of the history of departments and communities.

TRANSFORMING CAMPUS

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

9. In the table below, describe your proposed project's 2-5 main impacts on the McGill community or its main goals to accomplish. Please check the stakeholders that will be impacted. Finally, list at least one key **success indicator** for each impact (e.g. # people will be engaged, % waste will be diverted, # buildings certified). *Note: Indicate a realistic target for each success indicator (e.g., rather than "# people engaged," include a target such as "50 people engaged").*

Main Impacts/Goals		McGill Stakeholders Impacted (check all that apply)	Key Success Indicator(s)
REQUIRED	1 Increase access to the MAMM collections	<input checked="" type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Academic Staff <input checked="" type="checkbox"/> Postgraduate <input checked="" type="checkbox"/> Admin. Staff <input checked="" type="checkbox"/> Alumni	Number of items displayed
	2 Employ unused university building space for displays/educational purposes	<input checked="" type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Academic Staff <input checked="" type="checkbox"/> Postgraduate <input checked="" type="checkbox"/> Admin. Staff <input checked="" type="checkbox"/> Alumni	Number of display stations completed throughout the SAD
OPTIONAL	3 Provide information to visitors on the environmental factors that impact health	<input checked="" type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Academic Staff <input checked="" type="checkbox"/> Postgraduate <input checked="" type="checkbox"/> Admin. Staff <input checked="" type="checkbox"/> Alumni	Number of visitors on guided tours of the MAMM
	4 Reduction in printing texts to accompany displays	<input type="checkbox"/> Undergraduate <input type="checkbox"/> Academic Staff <input type="checkbox"/> Postgraduate <input type="checkbox"/> Admin. Staff <input type="checkbox"/> Alumni	Number of times QR codes accessed
	5	<input type="checkbox"/> Undergraduate <input type="checkbox"/> Academic Staff <input type="checkbox"/> Postgraduate <input type="checkbox"/> Admin. Staff <input type="checkbox"/> Alumni	

New

New

10. Have you considered implementing your project at more than one McGill campus? (e.g. If your project is downtown, could it be implemented at Macdonald Campus as well?)

Yes No

11. Please describe your choice of campus(es) and why this choice is best for your project. *Limit ~150 words*

The MAMM is located in the SAD Building located on the downtown campus. Students in medicine and the health sciences have laboratory courses in the building and the material displayed will attract attention from this cohort. As well, students from other faculties who have classes in the SAD's 3 auditoriums or work in the laboratories will be exposed to material that is not available or accessible in other buildings.

To complete the application process, please submit this form on the SPF website. The SPF Staff will be in touch regarding your application within two weeks and will send you Part 2 for the Over \$5,000 application process, the Project Plan.

PART 2: PROJECT PLAN

Instructions: Please answer the questions below as clearly and concisely as possible. Once you have completed this Project Plan, save it and submit it online. SPF Staff will respond with feedback on your application within 2 weeks. Once all sections are complete, the combined 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](#):

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IMPLEMENTATION

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

1. 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)
Selection of material/artifacts for displays	15-05-2023	01-09-2023
Selection of images from the Osler Library/other sources for the displays	15-05-2023	01-09-2023
Scan and create print-quality images from selected texts	15-05-2023	01-09-2023
Clean fire stations/remove signage/perform restoration work if necessary	01-09-2023	30-09-2023
Install locks (Facilities)	15-03-2023	01-09-2023
Install new glass covers	15-10-2023	15-10-2023
Create initial layout of material	15-05-2023	01-09-2023
Perform restoration work on material (cleaning/etc.)	15-05-2023	01-09-2023
Collaborate with designer to create final layout for each display	15-08-2023	01-10-2023
Install background and supports in displays	01-11-2023	15-11-2023
Install material/artifacts in displays	01-11-2023	30-11-2023

2. 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*

The displays are long-term permanent displays. The cleaning and maintenance will be done by MAMM staff/MAMM volunteers.

3. Please list any potential risks associated with your project and the measures you will take to reduce their likelihood.

Main Risks	Preventative Measures
Vandalism/theft	Facilities will install locks on each of the displays to reduce risks of theft/breakage. Security systems reduce risks of vandalism

STAKEHOLDER ENGAGEMENT

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

4. Please list all the 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
Richard Fraser	Director MAMM	Oversight of project	Confirmed	No
Geneviève Côté	Manager, Project & Logistics / Gestionnaire	Approval/support	Confirmed	Yes
Jean-François Therrien	Fire Prevention Officer Campus Safety	Approval/support	Confirmed	Yes
Mary Yearl	Librarian, Osler Library History of Medicine	Advisor image selection	Confirmed	No
			Choose one.	Choose one.
			Choose one.	Choose one.
			Choose one.	Choose one.
			Choose one.	Choose one.
			Choose one.	Choose one.
			Choose one.	Choose one.

5. How will you communicate about your project and share its impacts with your stakeholders and the McGill community? Please describe your tactics (e.g. social media, workshops, tabling, newsletters, etc.) and any related timing (e.g. at the beginning, during, or after the project). Related activities can also be included in Question 1. *Limit ~200 words*

When the displays are completed, images/messages will be placed on the MAMM social media accounts. As well, an article in the MAMM Newsletter will showcase the displays. McGill Communications will be approached to publish an article on the project.

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

Two student volunteers are specifically dedicated to the project. These 2 students will assist in selecting the artifacts and researching the atlases to choose images. 16 additional MAMM student volunteers will participate in the project carrying out restoration of the artifacts/scanning images/cleaning and preparing stations for installation.

PROJECT BUDGET

Criteria assessed in this section: [FEASIBILITY](#)

Revenues

Indicate any funding you will receive or may receive to complete your project, including funds from McGill departments and units.

Funding Source(s)	Amount Requested	Request Status
Sustainability Projects Fund (SPF)	\$17304.44	Requested
Maude Abbott Medical Museum	\$350.00	Confirmed
	\$0.00	Choose one.
	\$0.00	Choose one.
REVENUES GRAND TOTAL (must match Expenses Grand Total)	\$17,654.44	

Expenses

Indicate your project expenses below. Please remember to include tax and shipping costs, if any.

Item Description	Unit Cost	# of Units	Total Cost	Expense paid by SPF?
Planning and space design with the objects	\$250.00	14	\$3,500.00	Yes, fully
Drawings for production: custom supports and graphics	\$35.00	42	\$1,470.00	Yes, fully
Infography	\$180.00	14	\$2,520.00	Yes, fully
Follow up for production and installation	\$35.00	14	\$ 490.00	Yes, fully
Glass replacement for fire station cover	\$80.00	15	\$1,200.00	Yes, fully
Glass replacement/installation	\$780.00	1	\$ 780.00	Yes, fully
Printed background	\$72.00	14	\$1,008.00	Yes, fully
Delivery background after printing	\$60.00	1	\$ 60.00	Yes, fully
Artifact stands/supports production	\$30.00	42	\$1,260.00	Yes, fully
Installation materia (backdrop/supports)	\$180.00	14	\$2,520.00	Yes, fully
Installation artifacts	\$240.00	1	\$ 240.00	Yes, fully
All the above are contracted to Diane Bernier Design (via McGill Marketplace)	\$0.00	1	\$ 0.00	Choose one.
TPS	\$752.40	1	\$ 752.40	Yes, fully
TVQ	\$1,504.04	1	\$1,504.04	Yes, fully
Locks/installation for 14 stations from McGill Facilities	\$350.00	1	\$ 350.00	No
	\$0.00		\$ 0.00	Choose one.
	\$0.00		\$ 0.00	Choose one.
	\$0.00		\$ 0.00	Choose one.
Expenses Subtotal			\$17,654.44	

Salaries & Wages

If applicable, please indicate any paid positions needed for your project. Please note: if you complete this Salaries & Wages section, you must also complete the [Staff Position Information Appendix](#).

Position Title	~# Hours per Week	~# Weeks	Hourly Wage	Subtotal	+ 20% Benefits	Total Cost	Funding Sources
			\$0.00	\$ 0.00	1.2	\$ 0.00	
			\$0.00	\$ 0.00	1.2	\$ 0.00	
			\$0.00	\$ 0.00	1.2	\$ 0.00	
			\$0.00	\$ 0.00	1.2	\$ 0.00	
Salaries & Wages Subtotal						\$ 0.00	

EXPENSES GRAND TOTAL (must match Revenues Grand Total)						\$17,654.44
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APPENDIX

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 max 10). Please include any relevant support letters.

Doc #	APPENDIX VI ADDITIONAL INFO	Appendix Document Title	# of Pages
1		APPENDIX I PROTOTYPE DISPLAY IN SAD FIRE HOSE STATION	5
2		APPENDIX II A DESIGN CONCEPT	6
3		APPENDIX II B DESIGN CONCEPT	2
4		APPENDIX III SAD ARCHITECTURE PLANS FIRE HOSE SATION LOCATIONS	8
5		APPENDIX IV Geneviève Côté Manager, Project Logistics Building Services PROJECT SUPPORT	3
6		APPENDIX V Jean-François Therrien Fire Prevention Officer PROJECT SUPPORT	1
7		APPENDIX VI ADDITIONAL INFORMATION	2
8			
9			
10			