



Bee Campus Renewal 2024

Name of College or University

McMaster University

Address

1280 Main Street West, Hamilton, Ontario, L8S 4L8

Name

Nathan Butterworth

Applicant's Job Title

Community Engagement Coordinator

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905-525-9140

Are you the primary contact person?

No – Please continue to use Abbie Little (littleaj@mcmaster.ca), Community Engagement Coordinator, as she will return

Please add more rows as needed.

Full Name	Role	Email
Dr. Susan Dudley	Biology Professor	sdudley@mcmaster.ca
Carlos Figueira	Director Custodial, Grounds, Logistics and Mail Services	figueira@mcmaster.ca
Noah Stegman	Coordinator of Nature at McMaster	stegmanm@mcmaster.ca
Facility Services	Grounds Department	grounds@mcmaster.ca

Briefly summarize your Bee Campus experience.

Over the past year we have added a NEW native bee nesting garden, planted by students and the event was promoted by students and online via @macsustain on Instagram. The planting events took place in both July and November and were part of a student project related to the course; Sustain 3S03 – Implementing Sustainable Change. Additionally, we continued to clean up and replace the solitary houses contents with appropriate paper straw tubes.

Please tell us about any campus initiatives focusing on creating new, improving or maintaining existing habitat for pollinators. This could include work on campus grounds and other areas. If possible, include a plant list.

List of plants from the Native bee nesting garden (summer and fall plantings):

Andropogon gerardii	Big Bluestem
Aronia melanocarpa	Black Chokeberry
Asclepias tuberosa	Butterfly Milkweed
Elymus canadensis	Canada Rye
Fragaria virginiana	Wild Strawberry
Heliopsis helianthoides	False Sunflower
Monarda fistulosa	Wild Bergamot
Panicum virgatum	Switch Grass
Penstemon hirsutus	Hairy Beardtongue
Pycnanthemum virginianum	Virginia Mountain Mint
Rubus odoratus	Purple Flowering Raspberry
Rudbeckia hirta	Black Eyed Susan
Sorghastrum nutans	Yellow Savannah Grass

Spiraea alba	White Meadowsweet
Symphotrichum cordifolius	Blue Wood Aster
Symphotrichum novae-angliae	New England Aster
Viburnum acerifolium	Mapleleaf Viburnum

Additionally, the McMaster Facility Services Grounds crew have planted these additional plants in other areas on campus – most notably near the High Performance Gym.

Native:

Achilea millefolium

Rudbeckia hirta

Anaphalis margaritacea

Polygonatum multiflorum

Leucanthemum

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Leucanthemum

Helianthus tuberosus

Rubus occidentalis

Liatris spicata

Echinacea purpurea

Coreopsis laciniata

Non-native pollinators at the pollinator garden and other areas on campus:

Sedum spectabile 'Autumn Joy' and 'Autumn Sunset'

Spirea x Vanhouttei

Pear

Nectarine

Mulberry

Please tell us about any campus initiatives aimed at educating students, faculty staff or the local community about pollinators.

Students taking the course SUSTAIN 2SS3 in both the Fall/Winter terms have created a social media campaign advocating for pollinators that we intend to use during the upcoming Pollinator Week. Additionally, this past year we held to planting events that were open to the McMaster Community. At both events we had over 25 attendees.

Poster campaigns for the Fall Planting event, created by students for students.

Please tell us about your participation in International Pollinator Week celebrations (if applicable) and other pollinator-themed events.

Students are currently working on creating an advocacy campaign that will be used during pollinator week, whereby we will be able to post information on our @macsustain website

throughout the week, about things that all community members may do to help native bee populations in Hamilton OR elsewhere.

How did your campus promote being a Bee City Campus? For example, signage, website, social media, posters.

<https://facilities.mcmaster.ca/sustainability/native-bees-at-mcmaster/>

<https://dailynews.mcmaster.ca/articles/new-nesting-garden-to-help-boost-population-of-native-bees/>

November 7th planting event with approximately 30 volunteers

Mentioned in 2SS3 (fall/winter), 3S03(fall only) classes and promoted over our instagram to 10,000 followers.

Please share any pictures or videos taken of habitat or pollinator-related events this past year. We would be delighted to share these on our website and social media to promote your efforts. If you would like to collaborate on a social media post with us, please get in touch!

New images of the Native Bee Nesting garden may be shared in the Spring of 2024/Summer 2024 after plants have started to grow.

Has your campus posted Bee City Canada signage?

Potentially in the works for later this year. There is at least one sign on campus near the Solitary Bee Houses that indicates we are a Bee City Canada Campus.

What are your plans for the coming year? Please attach any documents outlining plans for habitat restoration, new habitat creation, education initiatives and celebrations below.

Working with Facility Services Grounds crew to plant additional Native plants on campus whenever possible as well as maintain new Native Bee Nesting Garden. Considering another 2SS3 or 3S03 Project for the Fall of 2024.

Select the appropriate renewal fee based on the number of students at your campus.

- More than 20,000 students - \$500

Payment Method

Invoice to be sent to mchughs@mcmaster.ca as per Abbie Little's instruction from previous years.