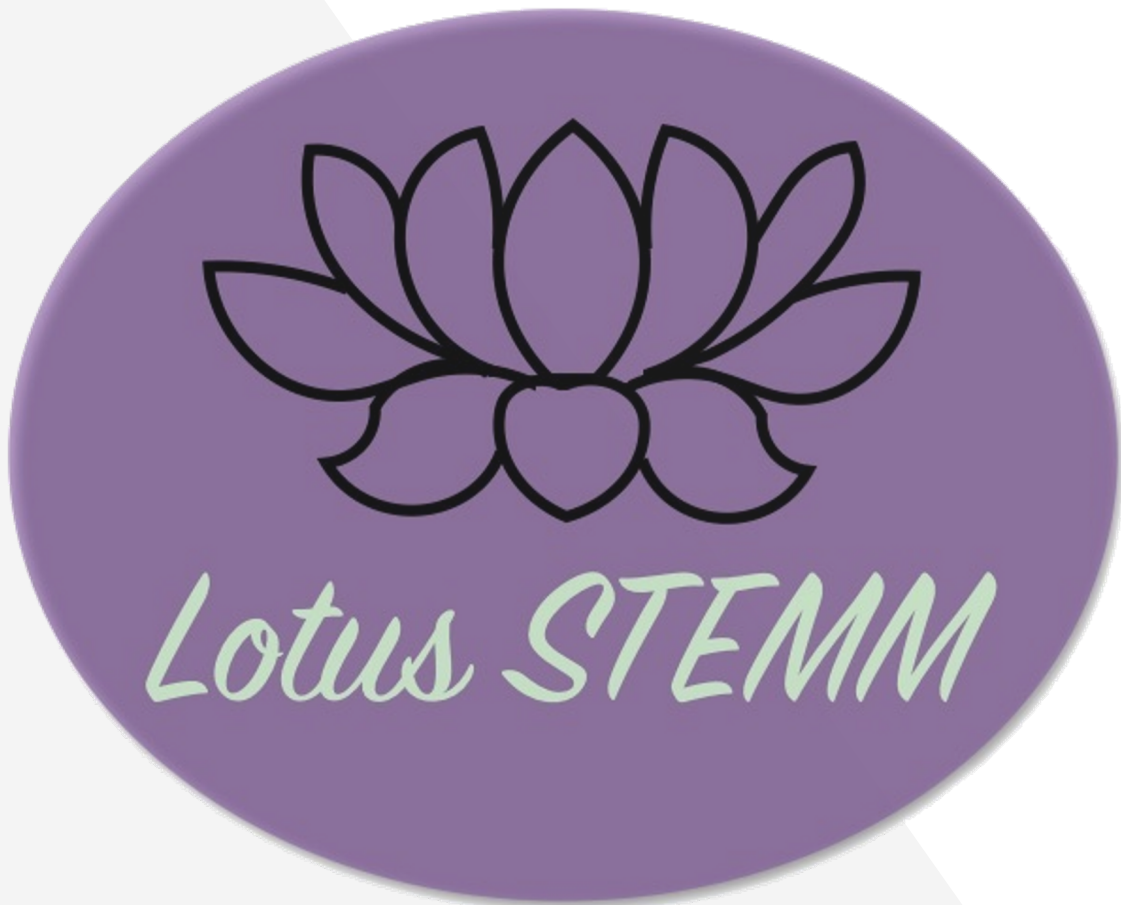


LOTUS STEMM

ANNUAL REPORT

REPORT NO. 019-02

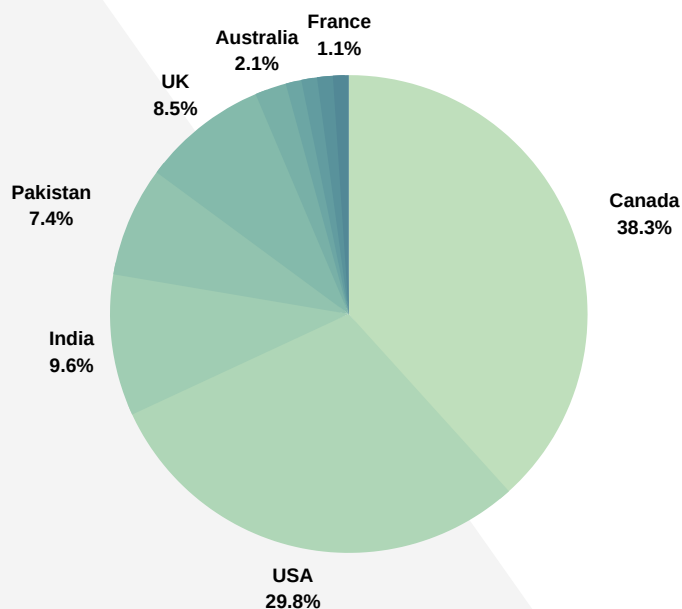


2019

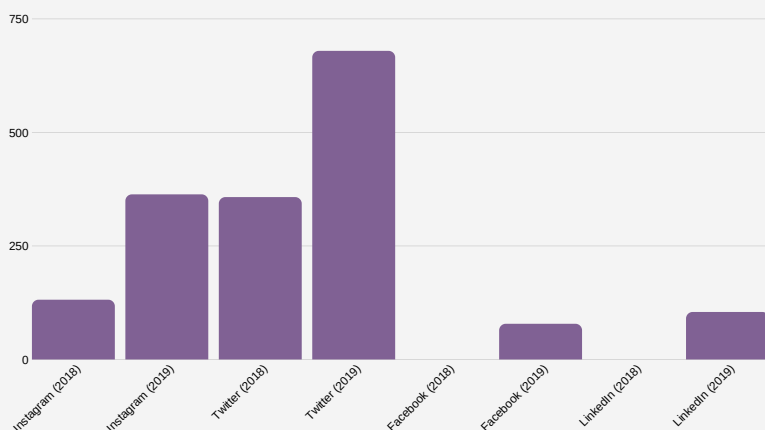
LOTUSSTEMM@GMAIL.COM

WWW.LOTUSSTEMM.ORG

@LOTUS_STEMM (TWITTER) @LOTUSSTEMM (INSTAGRAM) @LOTUS STEMM (FACEBOOK)



A global breakdown of the demographic following on Twitter @Lotus_STEMM.



Number of followers on social media

2019 was the first official year that Lotus STEMM functioned as a federally registered **non-profit organization**. In addition to setting up a Board of Directors, Lotus STEMM has been involved in expanding its social media presence.

Lotus STEMM has a social media reach on **Instagram** (363 followers), **Twitter** (679 followers), Facebook (78 followers), and **LinkedIn** (104 followers), with **74%** of following being **female**, and **26%** is **male**. Lotus STEMM has a **global reach** with followers from Canada, USA, India and UK.

In addition to social media presence, for the first time Lotus STEMM opened up its doors to new volunteers. We have 7 volunteers active with communications, 4 ongoing research projects, and 3 strategy and program developing volunteers, with a total of **14 active volunteers**. We have also developed a team of **6 Board of Directors**.

Lotus STEMM has also been involved with many outreach, networking and research projects within the community. We've participated in 10 outreach events, 2 networking events, and 4 ongoing research projects. Lotus STEMM has also successfully started a LotusStories blog featuring 7 women and their inspirational stories! We also were published about in 2 publications/articles.

Lotus STEMM has had a steady growth in the year of 2018/2019, and is starting strong in 2019/2020.

DEMOGRAPHIC BREAKDOWN 2019



LOTUSSTEMM@GMAIL.COM

UPCOMING PROJECTS

While Lotus STEMM has had a steady following in 2018/2019, we are developing a few programs for our followers:

Lotus STEMM Mentorship Program:

- Lotus STEMM is starting a pilot mentorship program matching mentees (ages 16 and up) with established South Asian women in STEMM mentors.

Lotus STEMM - Canadian Association of Girls in Science Chapter

- Lotus STEMM will start a CAGIS chapter with monthly hands-on STEM outreach activities for young girls ages 7-16.

Science Rendezvous

- Lotus STEMM will organize and host the 2020 Science Rendezvous event in Burlington for a second year in a row.

South Asian women's health blog

- Lotus STEMM is starting a women's health blog to highlight health issues faced by South Asian women that are not commonly addressed in our community.

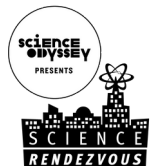
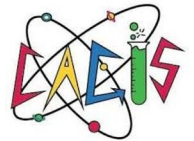
Lotus STEMM conference

- In March 2020, Lotus STEMM will host its first conference that will have hands-on activities for kids (ages 10-15), and will feature prominent South Asian STEMM speakers for senior highschool students and their parents.

Lotus STEMM thanks Partners & Sponsors 2018/2019



Indus Space




~545

Science and career outreach to middle school and high school students (~325 students), plus in-person and online workshops (~150 people) worldwide, and networking events (~70 individuals).



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YEAR-END TREASURER'S REPORT

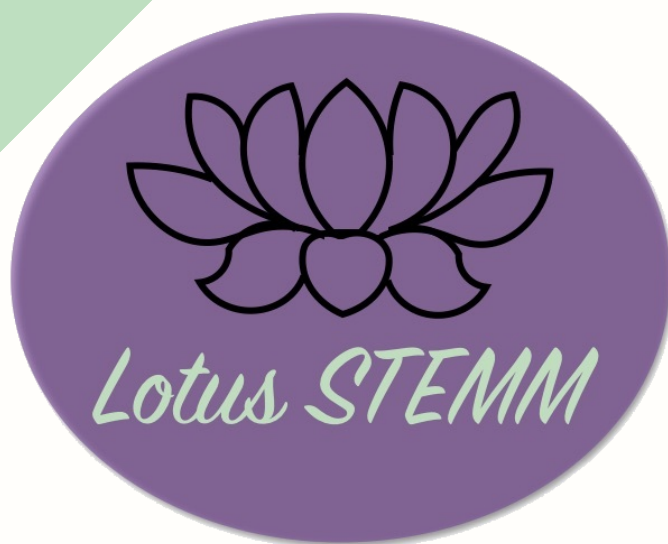
LOTUS STEM

20
19

PREPARED BY: Shaiya Robinson, Ph.D, Treasurer

APPROVED BY: Roopali Chaudhary, Ph.D, Founder & CEO

DATE: Friday December 13, 2019



OVERVIEW

LOTUS STEMM

ABOUT US

Lotus STEMM is a grassroots non-profit organization which aims to uplift, encourage and inspire South Asian women and girls in STEMM fields (science, technology, education, mathematics and medicine). To help realize this endeavour, Lotus STEMM has adopted a three-pronged approach:

1. Engaging in community **Outreach**
2. Providing **Networking & Leadership** opportunities.
3. Performing novel **Research** highlighting the female South Asian experience in STEMM.



2019 COMMUNITY HIGHLIGHTS

Outreach

- Our Founder & CEO, Dr. Roopali Chaudhary, was an invited speaker for several engagements across Ontario. She also was a featured guest on RedTmedia, where she addressed about common misconceptions in STEM.
- Lotus STEMM hosted the **very first Science Rendezvous in Burlington, Ontario**. Science Rendezvous is Canada's national science festival.

Research

- Lotus STEMM research student, Suffia Malik, presented her findings at the 2019 International Women & Children's Health Conference at McMaster University.

2019 Financial Year in Review

A summary of Lotus STEMM's earnings and expenditures for 2019

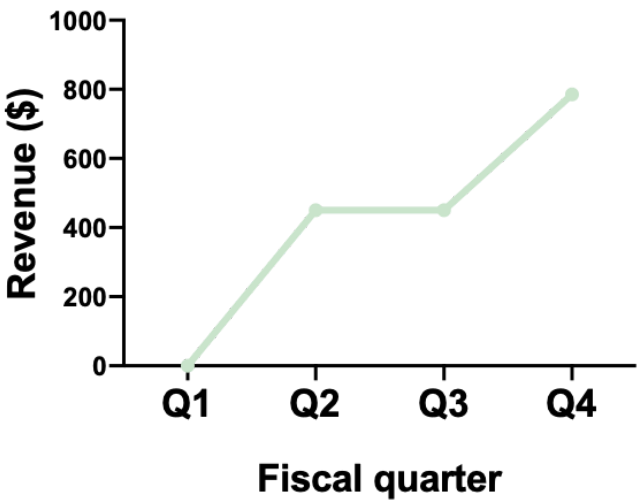
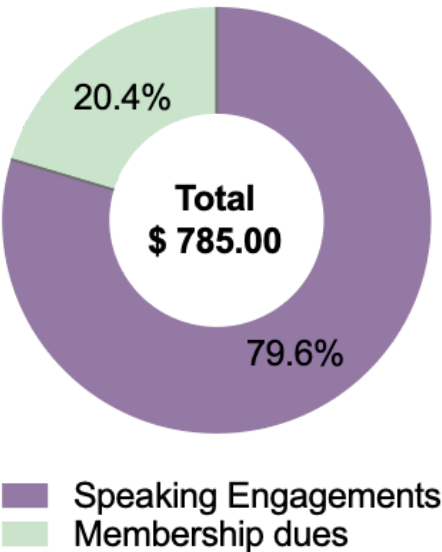


As a relatively young non-profit organization in its first year of operation, 2019 has been a year of great stride for Lotus STEMM in the community. Not unexpectedly however, our accomplishments also came with a financial load. Total revenue for 2019 was \$785.00 CAD. With 2019 expenses totalling \$987.82 CAD, we are currently in a deficit of \$202.82 CAD. A summary of Lotus STEMM's financial activities are outlined on pages 4-6, and our 2019 income statement can be found on page 7.

EARNINGS

MEMBERSHIP DUES

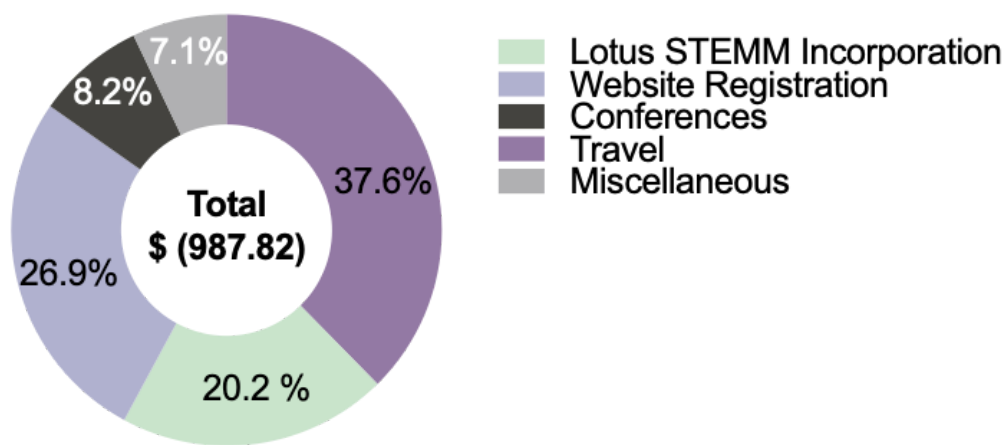
Approximately 20% of Lotus STEMM’s revenue was earned through board membership dues. In 2019 the Board underwent restructuring and we are pleased to report a full Board with six active members with a 2-year membership commitment. While we are currently in the process of collecting dues from all members, income from Board membership dues in Q4 is currently \$180.00 CAD.



SPEAKING ENGAGEMENTS

Lotus STEMM has gained notable attention and traction in its first year. Our founder and CEO, Dr. Roopali Chaudhary has been invited to speak and/or co-host various STEM-related events in the GTA, including the Jean Augustine Girls in Tech Day. Honoraria from speaking engagements in Q2 and Q4 contributed to 79.6% of our revenue in 2019 (\$625.00 CAD).

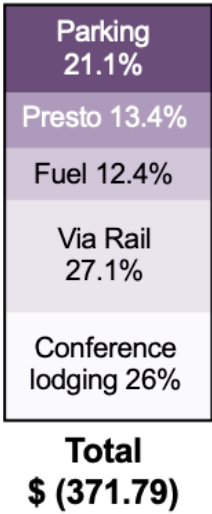
EXPENDITURES



LOTUS STEMM INCORPORATION & WEBSITE REGISTRATION

Together, the cost of establishing Lotus STEMM as a registered non-profit organization (\$200.00 CAD) and purchasing our website domain (\$265.28 CAD) were our biggest expenditures, contributing to almost half (47.1%) of our expenses for 2019.

TRAVEL

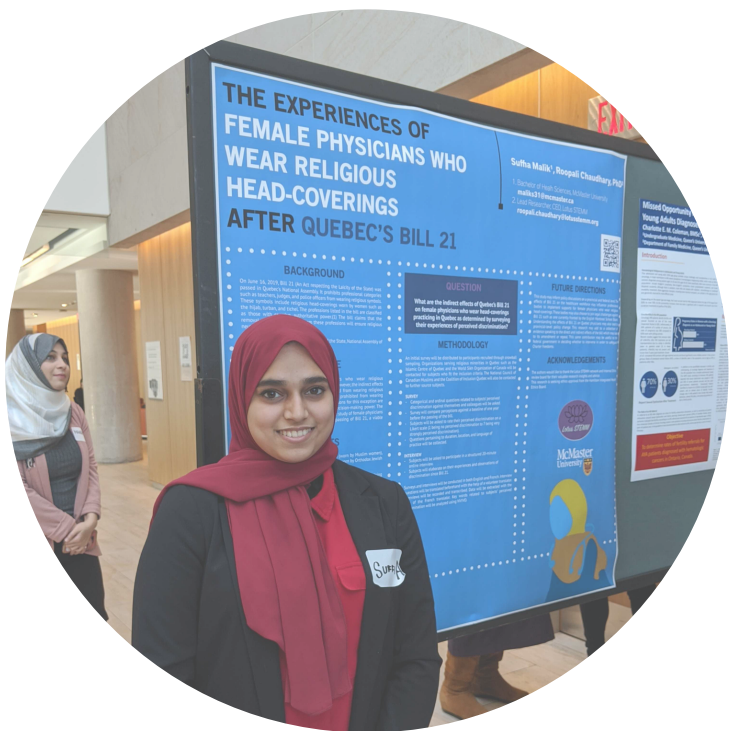


Travel-related expenses for 2019 totaled \$371.79 CAD, and includes the cost of fuel, parking, train and bus fare, and conference lodging. Next to the cost of incorporation and the website domain registration, travel-related expenses were our biggest expenditure in 2019. However, this allowed us attend relevant symposia and workshops, such as the 2019 Canadian Science Policy Conference and Council of Agencies Serving South Asians (CASSA) Conference. In doing so, we were able to both benefit the growth of our organization and increase our visibility in the South Asian community and Canadian Science Policy sector.

EXPENDITURES

CONFERENCES & SYMPOSIA

Included in our conference expenditures for 2019 was our poster, *The Experiences of Female Physicians who wear Religious Head Coverings after Québec's Bill 21*. This research was performed and presented by Lotus STEMM research student, Suffia Malik, at the International Women & Children's Health Conference at McMaster University. Lotus STEMM also participated in the 2019 CASSA Conference, further spreading awareness about the South Asian female experience in STEMM.



MISCELLANEOUS

Other miscellaneous factors contributing to our 2019 expenditures include the cost of supplies, and collaborations with other STEM organizations, such as Indus Space.

Lotus STEMM 2019 Income Statement

	Debit	Credit
Revenue		
Speaking Engagements & honoraria		\$ 625.00
Membership dues		\$ 160.00
Total Revenue		\$ 785.00
Expenses		
Conference registration	\$ (80.59)	
Travel	\$ (371.79)	
Miscellaneous	\$ (70.16)	
Lotus STEMM incorporation	\$ (200.00)	
Website domain registration	\$ (265.28)	
Total Expenses	\$ (987.82)	
Total Income 2019	\$ (202.82)	

Looking Ahead: Financial plan for 2020

In our first year, Lotus STEMM has made significant stride. Although our accomplishments in 2019 come at a minor deficit of \$202.82 CAD, we are excited to expand and increase our visibility in the South Asian community. We anticipate additional sources of revenue from our upcoming 2020 ventures, including:

- Our **inaugural conference**, *Lotus STEMM Presents: Degrees of Success Conference*, which will be held during March break 2020;
- A **partnership** with the Canadian Association for Girls in Science (CAGIS) to establish a Lotus STEMM-CAGIS chapter, offering fun, hands-on STEM activities for girls; and
- A six-month **STEM club** with Sunny View Middle School.

In order for us to continue on our trajectory, we recognize that 2020 must also be a year of vigorous fundraising for Lotus STEMM. Some of our fundraising ventures include:

- A **partnership** with Sci-Illustrate to distribute postcards featuring South Asian women in STEM;
- Submission of the Pearson Airport Propeller Project grant for up to **\$150 000 CAD** for three years; and
- Submission of the TakingITGlobal grant

Respectfully signed,



Shaiya Robinson, Ph.D.
Treasurer, Lotus STEMM

Lotus STEMM gratefully acknowledges our sponsors for their continued support

