



STEMHub
Foundation



ANNUAL REPORT 2021



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Message from the Board President

The end of any year marks a season of reflection. It is a time to reconnect with friends and family and look back at all that has been accomplished. 2021 has been an amazing year for STEMHub Foundation and a year of many firsts. 2021 was my first year serving as the Board President, the first year STEMHub Foundation has held its charitable status, and the first year we have received significant funding for our programs.

First, I would like to say a heartfelt thank you to all of our grantors, contributors, partners and volunteers. Without the concerted efforts of those who care about this organization, we would not have been able to make the impact we have in our communities.

We are now over 21 months into the global pandemic, a situation that forced us to pivot all our programs to virtual platforms. Q4 of 2020 marked the start of our '20 for 20' program, where we implemented high-quality, STEM-focused programs focusing on engineering, computer programming, career planning, and financial literacy.

In early 2021, we partnered with the Lassonde School of Engineering to bring STEM programming to high school students from Black and Indigenous communities. This is an important program, considering the need for ethnicities and genders of people from the black and minority groups in STEM professions.

As a licensed practicing engineer, it is important for me to be a part of changing these things and to see the full horizon of our country represented in my field, both in gender and ethnic diversity.

2021 marked the 2nd year we offered Tech Masterclasses to the public. On average, we reached 100 attendees per class. The goal of Tech Masterclasses was to give people experiencing job loss or students just getting out of school an opportunity to gain insight into various STEM skills and acquire some level of proficiency in them. These skills could be used as a starting point for career changes or beginning a STEM related career. We have also re-invigorated our STEMstars Program with the valued support of BenchSci and Firmex, who graciously supplied mentors willing to give back to our community.

We have seen growth in our board members by welcoming four new leaders. Thank you, Bisi, Victoria, Adefunke, and Mariam, for your contributions. Speaking of growth, we have received over roughly 170K worth of funding from the generous contributions from The Government of Ontario, Government of Canada, Service Canada, RBC, BPTN, NABC, BBI, and the Community Foundations of Canada. With this money, we are in the process of hiring and expanding our community programs to reach more youths.

We also received partnership funding from Firmex and Universal Music, which has enabled us to provide four scholarships to minority STEM post-secondary students.

What is on the horizon for 2021 and beyond, and where will your generous support dollars go?

1. Hiring and selection of staff and volunteers
2. Program expansion and creation
3. Organizational structure

I am excited for what our team of dedicated volunteers, board members, partners, and incoming staff will accomplish in the New Year.



A. Mignon-Smith

Angella Mignon-Smith, P.Eng
STEMHub Board President and
Grants Director

About STEMHub Foundation



Mission

STEMHub Foundation through STEM aims to increase accessibility to practical and quality STEM programs that may be hard to access by underserved or low-income communities within Ontario. We believe that exposure to Science, Technology, Engineering and Mathematics (STEM) and increased scientific and technology literacy will empower Canadian youths to confidently pursue STEM studies and careers.

Vision

Individuals thriving in their careers unhindered by the barriers that propagate systemic under-representation of persons with minority backgrounds in STEM careers and leadership roles.

How We Accomplish Our Mission

Collaboration

Meaningful long-term partnerships with organizations, companies, and individuals allow STEMHub Foundation to access premier space and resources to provide participants with premier technology and quality instruction.

Scientific exploration

We believe merely talking about science is not enough – hands-on scientific exploration and discovery is crucial to increased interest in science and scientific literacy.

Accessibility

STEMHub Foundation offers free one-time, monthly or weekly workshops held on Saturdays, Sundays and after school programs as requested. Our open enrollment policy does not discriminate on the basis of financial status or any other background.

Engagement

We offer workshops as part of community events to create awareness on STEM. We accomplish this by organizing free, hands-on and minds-on STEMing workshops on various STEM topics to students (Grade 2 - 12) across the Greater Toronto Area (GTA).

BOARD OF DIRECTORS



Angella Smith-Mignon, P.Eng
President, Board of Directors



Abimbola Olujide
Director



Adeola Olubamiji, Ph.D
Founder/Board Secretary



Marsha Miller, B.Sc
Director, Partnerships & Programs



Adebisi Adewusi, M.Sc
Director, Public Relations



Johnson Omeziri, EIT
Director, Web Management



Funke Biobaku, MBA FCCA CPA
Director, Finance



Shubhankar Gandhi
Director, STEM Program Planning



Mariam Barry
Director, Digital Media



Victoria Ibhawa, MBA
Director, Human Resources

VOLUNTEER APPRECIATION

We want to appreciate our volunteers for their time, resources and commitment to the mission and vision of STEMHub foundation.

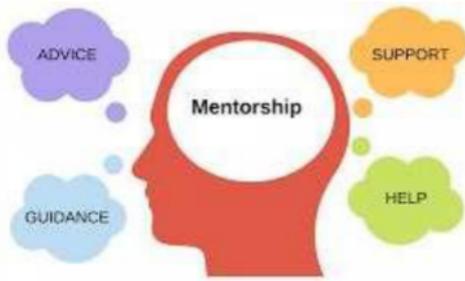




STEMHub
Foundation

Activities





STEMstar

StemStar is a mentee - driven one-to-one mentoring program that strategically pairs mentees with mentors based on career needs and goals. Our mentors voluntarily serve as role models, provide skill development advice, risk management, career guidance, share their knowledge, experience, and connection to help our mentees navigate their career paths and achieve their career goals with the right skills for the labour market.

STEMstar partnered with BenchSci and Firmex as mentors for graduates and young professionals from minority groups. The program had 11 pairings with 11 mentees to 10 mentors. There are testimonials from the program.



"The mentorship program has helped me greatly. My mentor has been guiding me in fulfilling my career goals. My mentor was helpful in providing insights for career paths to take and how to utilize online resources for me to determine my interests. I have also improved in networking on LinkedIn, connecting with people with similar interests through informational interviews."

Maryam Sallam

(Microbiologist/Biotechnologist, a mentee)

STEMing

The STEMing 20 for 20 is an initiative of the STEMHub Foundation Program Planning Department. It is an initiative to help teens and youth get exposed with hands-on experience on STEM education and career guidance for the future. Twenty sessions were conducted for over twenty weeks with 20 youths between the ages of 11 - 14 years. The materials, resources and workshops were provided free of charge for all participants which served as a way to encourage underserved communities to be part of this initiative.

Contents used for the workshops were developed by STEMHub Foundation and we partnered with SMEs to facilitate the workshops. Topics included: robotics, CS, graphic design, biology and aerospace engineering. Additionally, life skills were taught during the workshops such as: financial literacy, career planning, mental health and cyber bullying.

Feedback from the youths at the workshops shows:



- Through partnership with York University taught for 6 weeks helping 50 York regional school board students to be exposed to STEM
- Supported Black History at Sir Lousie Arbor secondary in Peel region about Stem total 60 students – Guest Speaker Dr. Adeola Olubamiji
- Continuing program exposure to our underserved youths
- New Partners YorkU, Firmex, Benchsci, recognized our partners at NSBE who have help to support those classes, Jean Augustine, Lady Ballers



STEMskills

We are in the midst of the Fourth Industrial Revolution (Industry 4.0 or I4.0), where technology and industry are undergoing a rapid change. Through the STEMskills program, STEMHub foundation is bridging the gap of the existing mismatch between youth skills and employer needs which is a threat to employers and employees as the Industry 4.0 transforms rapidly than employers can adapt. The TECH Masterclass, under the STEMskills granted participants professional skill acquisition in the areas of project management, product management, and data analytics.

Participants who joined the Tech masterclass this year were largely females, with an average participant between 25–34 years of age. STEMHub Foundation also partnered with York University for a 6 weeks program introducing 50 York regional school board students to STEM.

100+

participants attended
project management class



110+

participants attended
product management class

80+

participants attended
data analytics class



Project Management

Facilitator : Adesope Bola

June 12 - June 26, 2021.

Day 1 - 100+

Day 2 - 110+

Day 3 - 80

Product Management

Facilitator : Ayobami Ayodeji

July 3 - July 17, 2021.

Day 1 - 120

Day 2 - 65

Day 3 - 48

Data Analytics

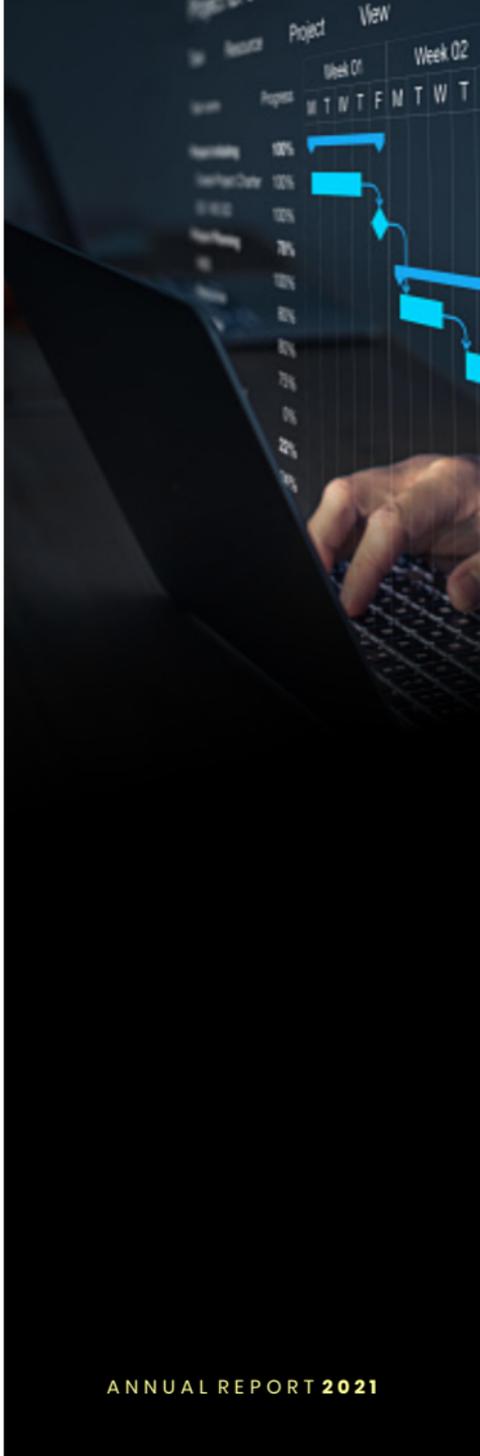
Facilitator: Mariam Adeyemi

July 24 - Aug 7, 2021.

Day 1 - 200+

Day 2 - 150 +

Day 3 - 130 +



STEMScholars



Tochukwu Bright Ezechukwu

STEMHub Foundation through STEM aims to increase accessibility to practical and quality STEM programs that may be hard to access by underserved or low-income communities within Ontario. We believe that Science, Technology, Engineering and Mathematics (STEM) exposure and increased scientific and technology literacy will equip Canadian youths to confidently pursue STEM studies and careers.



Gouri Deshpande

In 2021, STEMHub Foundation in partnership with Firmex, awarded 2

scholarships worth \$5000 each to two students going back to Canadian universities/colleges in September.

STEMHub Foundation in partnership with Umusic, awarded 2 scholarships worth \$5000 each to two students going back to Canadian universities/colleges in September.



Jason Ahn



Greatlove Bariboloka



Partners and Sponsors

We work with incredibly generous and creative organizations who choose to support our programs. We were thrilled to work with our new partners Benchsci, Firmex, NABC (York University), BPTN, Universal Music, Canada Government, Ontario.

Funded by the
Government
of Canada





DONOR APPRECIATION

To our donors,

Thank you for choosing STEMHub Foundation. Your donations in 2021 has helped us reached the underserved communities across Canada and exposing them to STEM education.

Your donations has helped us shaped lives through STEM education and STEMHub Foundation has been able to expand to more communities.

We appreciate your support to our work through your donations.





WE ARE A REGISTERED CHARITY

Charity No.

775220916RR0001

REGISTERED IN CANADA AS A CHARITY ORGANIZATION



STEMHub
Foundation



FINANCIAL REPORT



STEMHub Foundation FINANCIAL SUMMARY

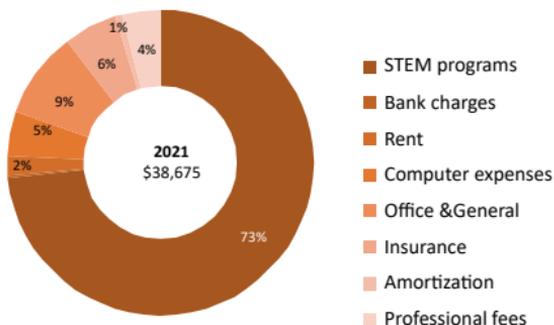
| Revenue | 2021 CAD(\$) | 2020 CAD(\$) |
|--|-------------------|------------------|
| Donations | 31,306 | 10,884 |
| Grants | 149,284 | 6,500 |
| | | |
| Total Revenue | 180,590 | 17,384 |
| | | |
| Expenses | | |
| STEM programs | 29,370 | 922 |
| Bank charges | 100 | 89 |
| Rent | 801 | 839 |
| Travel Expenses | - | - |
| Meeting Expenses | - | 423 |
| Computer expenses | 1,887 | 954 |
| Office & General | 2,356 | 337 |
| Insurance | 2,242 | |
| Amortization | 308 | 440 |
| Professional fees | 1,612 | 3,647 |
| | | |
| | | |
| Total Expenses | 38,675 | 7,649 |
| | | |
| Excess of revenue over expenses for the year | 141,914 | 9,735 |
| Net assets @the beginning of the year | 20,893 | 11,158 |
| | | |
| Net assets @the end of the year | \$ 162,807 | \$ 20,893 |



Revenue



Expenses



All financial data presented is from our preliminary unaudited financial statements for the period Jan 1st 2021 to Dec 31st 2021.

Revenues increased by 939% to \$180,590 from last year. This is largely due to Grants/donors received from our generous partner organizations and individuals including Black Professionals in Tech, University of Toronto, York University, Universal Music amongst others. With the donations and grants, we have been able to ramp up our STEM programs and expenses directly relating to this have also

CONCLUSION

ONWARD IN 2020

The great social experiment of the Covid-19 lockdown will be studied for decades to come. How did it impact our lives, our work, our sense of self? STEMHub Foundation have had to pivot with the rest of the country and learn how to move forward. In responding to the COVID-19 pandemic, we promoted virtual programs to keep both the youths and professionals learning about digital transformation. As we've pushed through the uncertainty, we have met countless opportunities to reflect, refine, realign and revisit what we are doing and move forward with a renewed sense of purpose, hope and gratitude. Who could have imagined how far we would travel together, from one person to over 40 volunteers strong. But these numbers are not the true measures of our success. STEMHub Foundation is making real contributions to the lives of underserved professionals, students and youths through our programs.

Despite the darkness of the Covid-19 pandemic, there are now signs of hope and recovery. Amid the recovery, we will continue to listen with empathy, respond with kindness, and do your best to offer our programs and perform through the lens of humanity.

In fiscal 2022, we expect to go bigger and impact more youths through our STEMing programs, and have more impact on professionals through the STEMSkills programs for professionals, connect more young professionals to exceptional industry leaders through STEMstars mentorship program and support more underserved students through scholarships. In fact, we aim to achieve our highest impact to date. At the same time, we will forge ahead with revising our strategy and steer our course toward active volunteerism aimed at putting STEMHub Foundation on a path to continue to empower through STEM education. We look forward to achieving our goals with your support and contributions.



STEMHub
Foundation

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