

STEM 
Fellowship

2024 Annual Report

STEM Fellowship

TABLE OF CONTENTS

- 03. Introduction From COOs**
- 04. A Message From Our Board**
- 05. Data Science**
- 17. STEMpowerment**
- 22. Science Communication**
- 27. Grassroots**
- 33. Development**
- 36. STEM Fellowship Career Center**
- 37. Partners and Sponsors**
- 38. Executive Team**

INTRODUCTION FROM OUR COOS

As we celebrate nearly a decade of impact, 2024 has been a remarkable year of growth and achievement for STEM Fellowship. As a Canadian charitable organization, our goal is to create equitable learning opportunities, connections, and experiences for students to develop modern skills for the digital age. Through initiatives that prioritize analytics, research, scholarly communication, and literacy, we equip students with the tools they need to navigate and contribute to an increasingly data-driven world. At the heart of our mission is a commitment to inclusion and diversity, which we advance by providing mentorship and transformative research opportunities across STEM fields.

Our organization is supported by five key pillars, each of which houses a specific set of programs and teams. The first pillar is dedicated to harnessing data science education for change, with our most popular events being the High School and Inter-University Big Data Challenges. Additionally, our Digital Citizenship Graduation Award recognizes the unique contributions made by students who use technology as a force for positive change. The second pillar encompasses our STEMpowerment programs, which aim to empower underrepresented groups in STEM by offering mentorship, enrichment courses, and opportunities for high school students to gain hands-on research experience through our Research Exploration Opportunity program. The third pillar embodies the belief that science communication should be a skill readily trained and encouraged. We foster science literacy through workshops, digital articles, the open-access, peer-reviewed STEM Fellowship Journal, and the Scholarly Viewpoint Challenge. The fourth pillar captures our grassroots initiatives, engaging students at the community level through our local high school chapters and university branches. Finally, our fifth pillar focuses on the development of all our programs and volunteers. This includes the Human Resources team, which supports our members' skill development and academic endeavours, as well as our social media, website, and content creation teams.

These five pillars collectively define our approach to fostering the next generation of STEM leaders, ensuring that our programs are not only impactful but also inclusive, innovative, and inspiring.

Together, they represent the foundation of our efforts and achievements in 2024.

In closing, we want to extend our gratitude to our student volunteers, board of directors, partners, sponsors, and supporters for being a crucial part of our mission and vision this year. We cannot wait to see the growth of STEM Fellowship in the upcoming year.



Vikram Arora

Co-Chief Operating Officer



Anna Tymofyeyeva

Co-Chief Operating Officer

A MESSAGE FROM OUR BOARD

The board of directors is often seen as the backbone of any organization, especially one such as STEM Fellowship. It provides oversight, guidance, and strategic direction to ensure the organization fulfills its mission, fulfills its vision and adheres to the values of the entity.

We are filled with pride and gratitude for the collective efforts of student volunteers and staff of our organization in the past year. STEM Fellowship continues to be a beacon of career-connected experiential learning opportunities. Our goal is to equip students with the 21st-century skills, knowledge, and confidence to thrive in the ever-evolving world of science, technology, engineering, and mathematics.

At the heart of these accomplishments is the unique relationship between our board members and the students we serve. Our board is not only a guiding force in shaping our vision, but also an active partner in bringing it to life. Through mentorship, strategic planning, and personal engagement, our board members have created invaluable connections with students, offering guidance and inspiration. This collaboration has enriched our programs and demonstrated the power of cross-generational teamwork in tackling real-world challenges. Together, we are cultivating a culture of curiosity, inclusivity, and innovation that resonates across our community and beyond.

As we look to the future, we remain committed to advancing STEM education, fostering diversity, and inspiring the next generation of leaders and innovators. Our success is a testament to the dedication of our board, the enthusiasm of our students, and the support of our partners and donors. Thank you for your unwavering belief in our mission. Together, we will continue to break barriers, ignite imaginations, and build a brighter future through STEM.

In closing, we want to thank our student leaders, the board of directors, all our student volunteers, and our external advisors and experts who provide direction and guidance to everything we do. Together we are learning, innovating, growing, and making a difference. Learning is a journey. It takes a global digital village to raise the emerging investigator talent for Canada and the world.



Tim Herron

Chair, Board of Directors



Dr. Sacha Noukhovitch

Founder and President

Data Science Committee

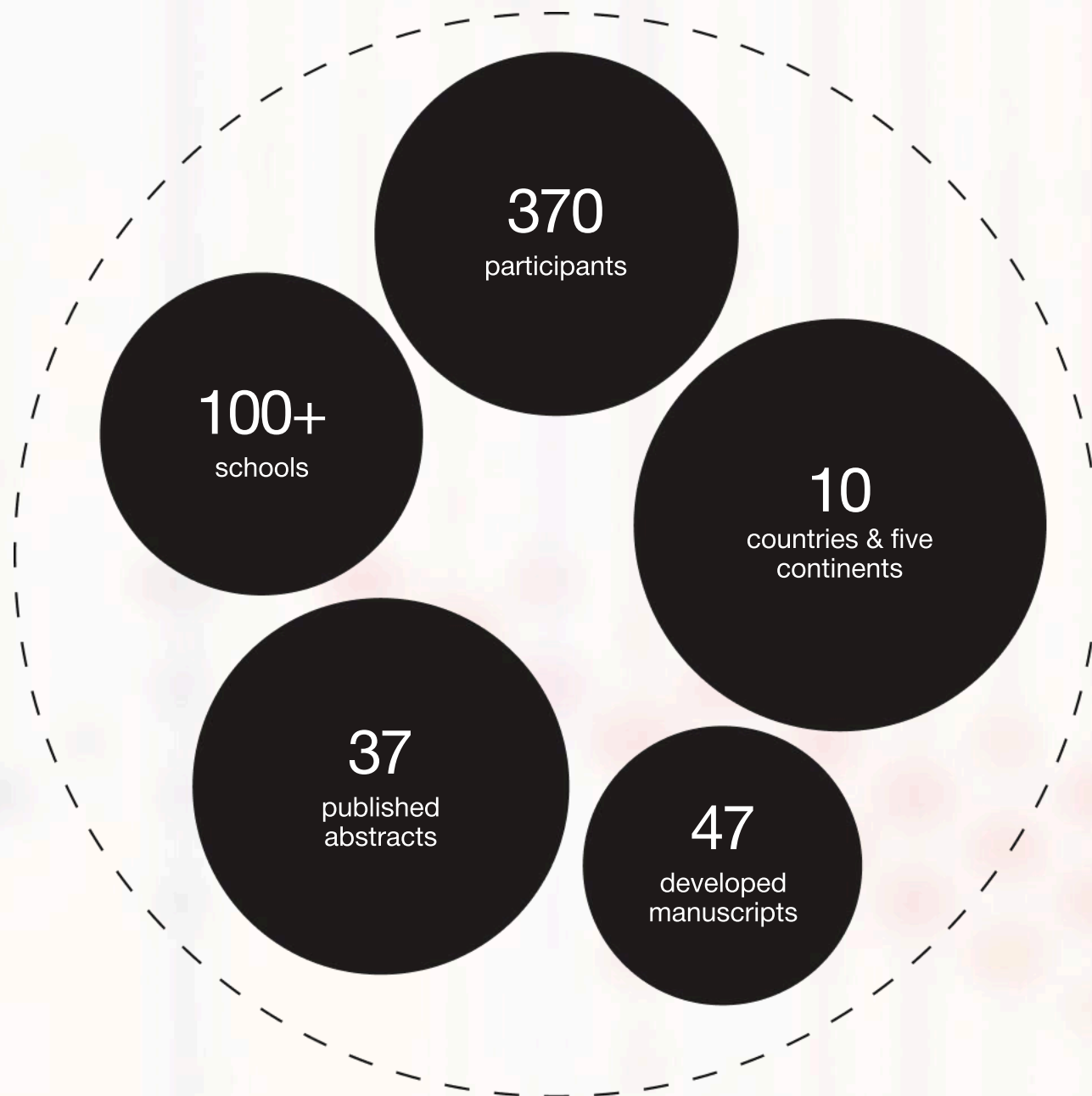
This year, the Data Science Committee achieved remarkable growth and milestones through two flagship initiatives by wrapping up the 2023-24 High School Big Data and AI Challenge finale event and execution of the 2024 Inter-University Big Data and AI Challenge, which had been transformed into a novel conference model.

These programs brought together participants from diverse backgrounds to tackle pressing real-world challenges using data science and AI, fostering their skills in research, communication, and innovation.

DATA SCIENCE

2023-24 HIGH SCHOOL BIG DATA AND AI CHALLENGE

Leveraging Generative AI and Data Cybersecurity to Conserve and Foster Local Biodiversity



The High School Big Data and AI Challenge brought together over 370 participants from 10+ countries and five continents, representing 100+ schools. Participants submitted 37 abstracts and developed 47 manuscripts, reflecting their depth of engagement with environmental research questions. The participant cohort included a near equal female-to-male ratio, underscoring the challenge's inclusive and diverse environment. Four dedicated mentors guided students as they explored advanced AI techniques and contributed novel insights into local biodiversity conservation efforts.

DATA SCIENCE

2023-24 HIGH SCHOOL BIG DATA AND AI CHALLENGE

The 2023-2024 High School Big Data and AI Challenge culminated in two grand finales, one at the MaRS Discovery District's SciNet Space in Toronto and another at the University of Calgary's Hunter Hub for Entrepreneurial Thinking.



MaRS Discovery District's SciNet Space in Toronto

This event welcomed:

**The Honourable Edith Dumont,
Lieutenant Governor of Ontario**



University of Calgary's Hunter Hub for Entrepreneurial Thinking

This event welcomed:

**Jyoti Gondek,
Mayor of Calgary**

All award-winning and finalist manuscripts were published in the STEM Fellowship Journal, with every submitted abstract included in the official proceedings, providing meaningful recognition and visibility for participants' scholarly work.

DATA SCIENCE

2023-24 HIGH SCHOOL BIG DATA AND AI CHALLENGE



*Photo from the 2023-2024 High School Big Data and AI Challenge
Western Canada Finals at the University of Calgary*

DATA SCIENCE

2024 INTER-UNIVERSITY BIG DATA AND AI CHALLENGE

Leveraging Open Data Analytics and Machine Learning to Improve Mental Health Research and Innovation



The Inter-University Big Data and AI Challenge represented a major success and transformative evolution in the committee's programming.

After transitioning into a conference model, the Inter-University Big Data and AI Challenge welcomed **134 participants** from over **15 institutions**, with more than **120 attending** the in-person event at **Microsoft Canada Headquarters** in Toronto. The committee demonstrated exceptional growth and influence by attracting a high number of new participants, with **91.7%** of attendees being first-timers to STEM Fellowship events.

Despite the new format, the committee maintained strong outreach efforts and high participation levels, showcasing the value and impact of its initiatives while broadening its reach within the data science community.

DATA SCIENCE

2024 INTER-UNIVERSITY BIG DATA AND AI CHALLENGE



The challenge inspired projects on socioeconomic determinants of mental health, treatment efficacy disparities, and personalized care plans.

28 abstracts (published in the STEM Fellowship Journal) and **16 full manuscripts** (published in Underline.io) exemplified the intellectual rigor and creativity of participants.

Additionally, a novel peer-review phase of the competition was successfully carried out. A high-quality event-summary video including participant testimonials was developed as a means to further demonstrate the impact, enhancing STEM Fellowship's brand and influence. Through the competition, we forged a significant partnership with the Canadian Personalized Healthcare Innovation Network (CPHIN), enhancing the event's impact and scope.

DATA SCIENCE

2024 INTER-UNIVERSITY BIG DATA AND AI CHALLENGE

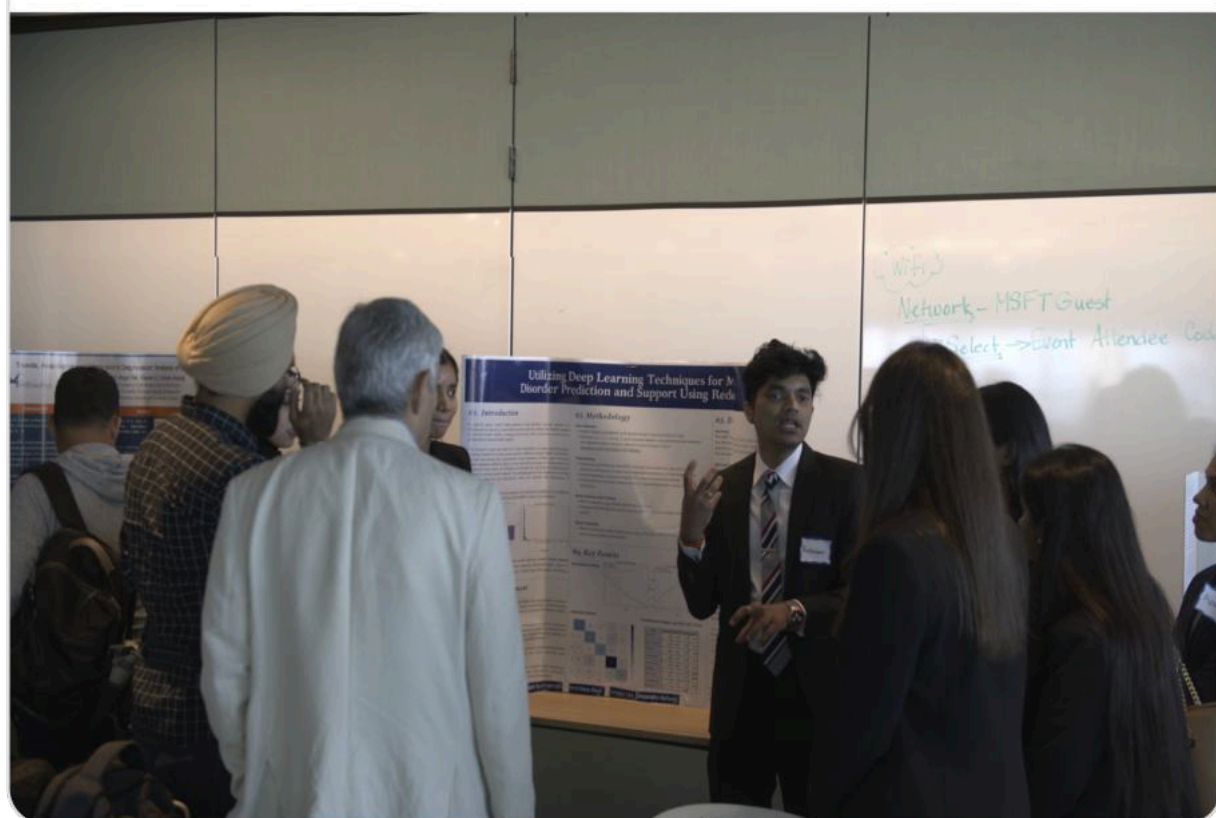


Participant feedback
was overwhelmingly
positive

over

90%

expressing satisfaction across key areas, including the overall experience, event logistics, and their likelihood of participating again or recommending the event to others.



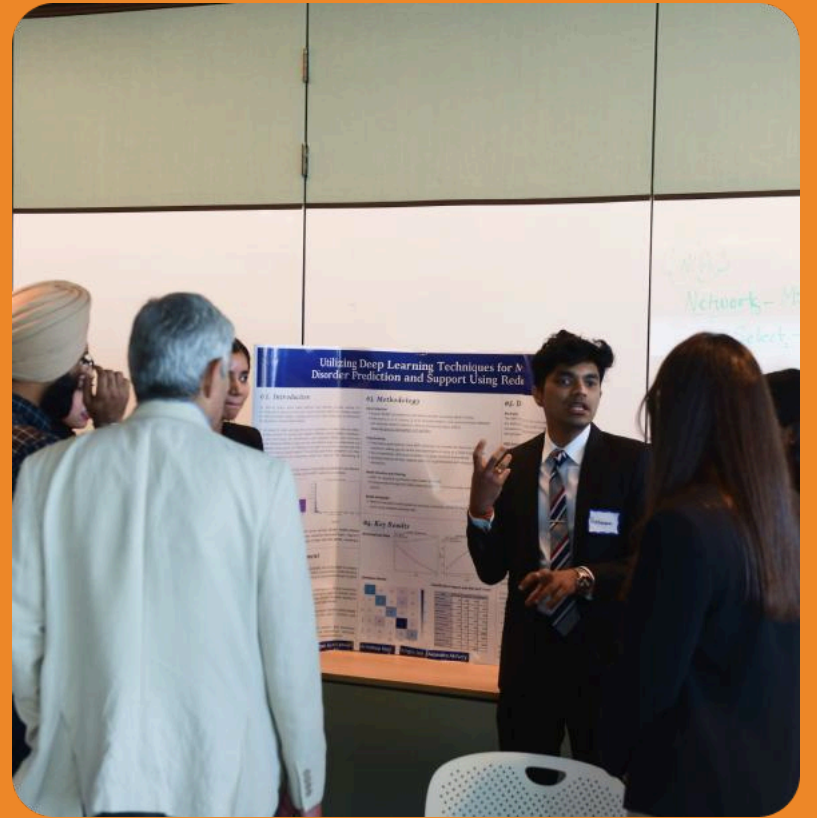
“

Participating in the 2024 Inter-University Big Data and AI Challenge was an inspiring experience! The competition fostered innovation, collaboration, and critical thinking, pushing us to apply cutting-edge AI and data analytics techniques to real-world problems. It was a great opportunity to learn, connect with like-minded peers, and expand our horizons in the fast-evolving field of AI.

DATA SCIENCE

INTERNAL OPERATIONS

In March 2024, the committee embraced agile methodologies to streamline operations, enabling rapid adaptation to participant needs, event timelines, and partnership opportunities, ultimately enhancing efficiency and impact. For more information regarding the agile approach to STEM Fellowship programs, [click here](#).



Outreach Team

The Outreach Team played a pivotal role in expanding the committee's initiatives, successfully securing new sponsorships, engaging high-profile attendees, and attracting enthusiastic participants to both challenges.

Their strategic communication and relationship-building efforts allowed the committee to grow its reach and maintain high participation numbers, even amidst an increase in participation fees.

Logistics Team

The Logistics Team ensured seamless execution of both events, with a focus on innovative internal operations, including the introduction of an effective peer-review phase.

From coordinating pre-event workshops to providing robust participant support, their meticulous planning contributed to the smooth execution of the competitions, earning a 95% satisfaction rate for program logistics and fostering a sense of community among participants.

DIGITAL CITIZENSHIP GRADUATION AWARD

STEM Fellowship

RBC Future Launch

The Honourable
Edith Dumont
Lieutenant Governor of Ontario

L'honorable
Edith Dumont
Lieutenant-gouverneur de l'Ontario

TH Instead of exclusion. The Development numerics, Situan. Polyp with smart. The community. Resilient Behavior. Awning, awing. And also



Vethika Sarav... Tamair Monr...
Jayson Kim Annie Touche...

In today's digital world, online engagement plays a pivotal role in shaping personal identity, community involvement, and civic responsibility—especially for young people. **The Digital Citizenship Graduation Award (DCGA)** addresses this by recognizing and guiding the next generation of digital influencers, fostering positive role models, and encouraging active, responsible digital citizenship in schools across Canada.

Aligned with the Governor General's priority initiative of Building a Safe and Respectful Digital World, the DCGA celebrates emerging digital leaders across all school levels. **Supported by the Lieutenant Governors of Ontario and Alberta**, the program serves as a beacon of leadership in digital citizenship.

*The 2024 DCGA achieved remarkable reach and impact, engaging over **7,600 students and teachers**. This initiative was made possible through the generous support of **RBC Future Launch** and in partnership with **LinkedIn Learning**.*

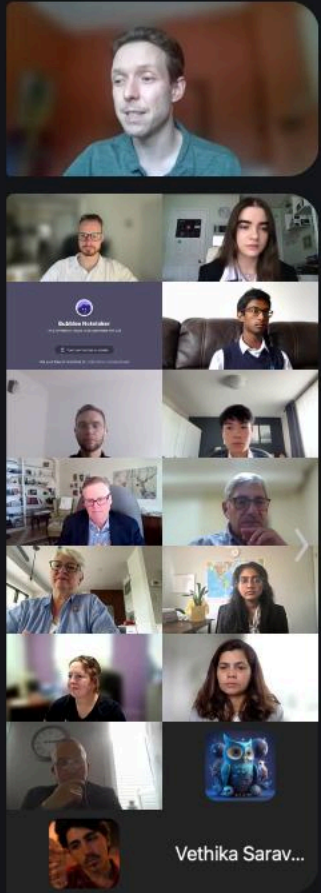
DIGITAL CITIZENSHIP GRADUATION AWARD

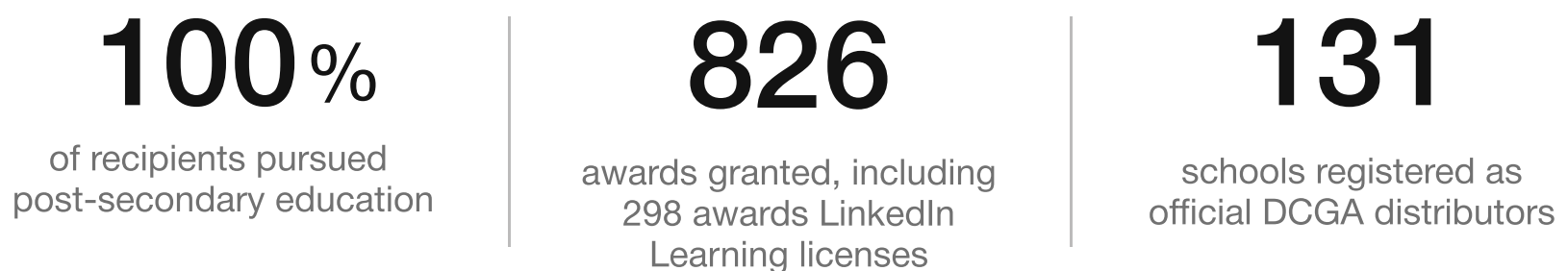
Student Achievements | Les réalisations des élèves

+ created videos to promote an entertaining atmosphere of positivity and inclusion	créé des vidéos pour promouvoir une atmosphère divertissante, de positivité et d'inclusion
+ graphic design for community health initiatives	conception graphique pour les initiatives communautaires en matière de santé
+ completing additional CISCO and Microsoft certifications	l'obtention de certifications CISCO et Microsoft supplémentaires
+ Organized a project on safely using public internet access points	Organisation d'un projet sur l'utilisation en toute sécurité des points d'accès publics à l'internet
+ participate in robotics competitions	participer à des concours de robotique
+ involved in computer science clubs	participe à des clubs d'informatique
+ used technological tools for feeder school events	a utilisé des outils technologiques pour les événements organisés dans les écoles nourricières
+ hosted a digital writing workshop	a organisé un atelier numérique d'écriture
+ built an app to encourage everyone to stay active	a créé une application pour encourager tout le monde à rester actif
+ made websites for small black businesses	a créé des sites web pour les petites entreprises de la communauté noire
+ student who has made the best use of technological tools for a class assessment	l'élève qui a fait la meilleure utilisation des outils technologiques pour un projet à l'école
+ student who has made the best use of technological tools in their classes	l'élève qui a fait une utilisation remarquable des outils technologiques dans ses classes

ML robotics, clubs, mentoring other students preparing a short film. Participating in a communications class technology class. Participating



Key Achievements



Growth and Reach

80% increase in French school participation compared to 2023.
Geographic distribution of participating schools:

Ontario: **78.30%** Ontario: **11.32%** British Columbia: **5.66%** Nova Scotia: **1.89%**
 Quebec: **0.94%** New Brunswick: **0.94%** Saskatchewan: **0.94%**

CANADIAN YOUNG PHYSICISTS' TOURNAMENT



The national tournament featured 17 teams and 50 teachers, jurors, and volunteers, maintaining participation levels comparable to previous years. Financially, the event was sustainable, ensuring continuity without external sponsorship.

The individual selection stage saw notable reforms, including replacing PowerPoint submissions with manuscript-style reports to enhance students' academic writing skills. We emphasized diversity by incorporating criteria to include more junior students and participants from public schools. 31 students submitted reports, leading to the selection of the top five for IYPT.

INTERNATIONAL YOUNG PHYSICISTS' TOURNAMENT



At IYPT 2024 in **Budapest**, our team achieved a **bronze** medal, **ranking 16th out of 38**. Shifting to a student-led preparation model empowered participants to take ownership of their work. Additionally, Jim Chen assumed the role of Canadian representative at the IYPT International Organizing Committee, fostering international collaboration and contributing to the selection of 2025 problems.

Looking ahead, we aim to secure sponsorships and grants to ensure sustainable growth and pilot a junior division to broaden participation and strengthen institutional partnerships. These efforts underscore our commitment to advancing scientific engagement among students nationwide.

STEMpowerment Committee

STEMpowerment is a key pillar of STEM Fellowship, dedicated to mentorship and empowerment for students from traditionally underrepresented groups in STEM fields.

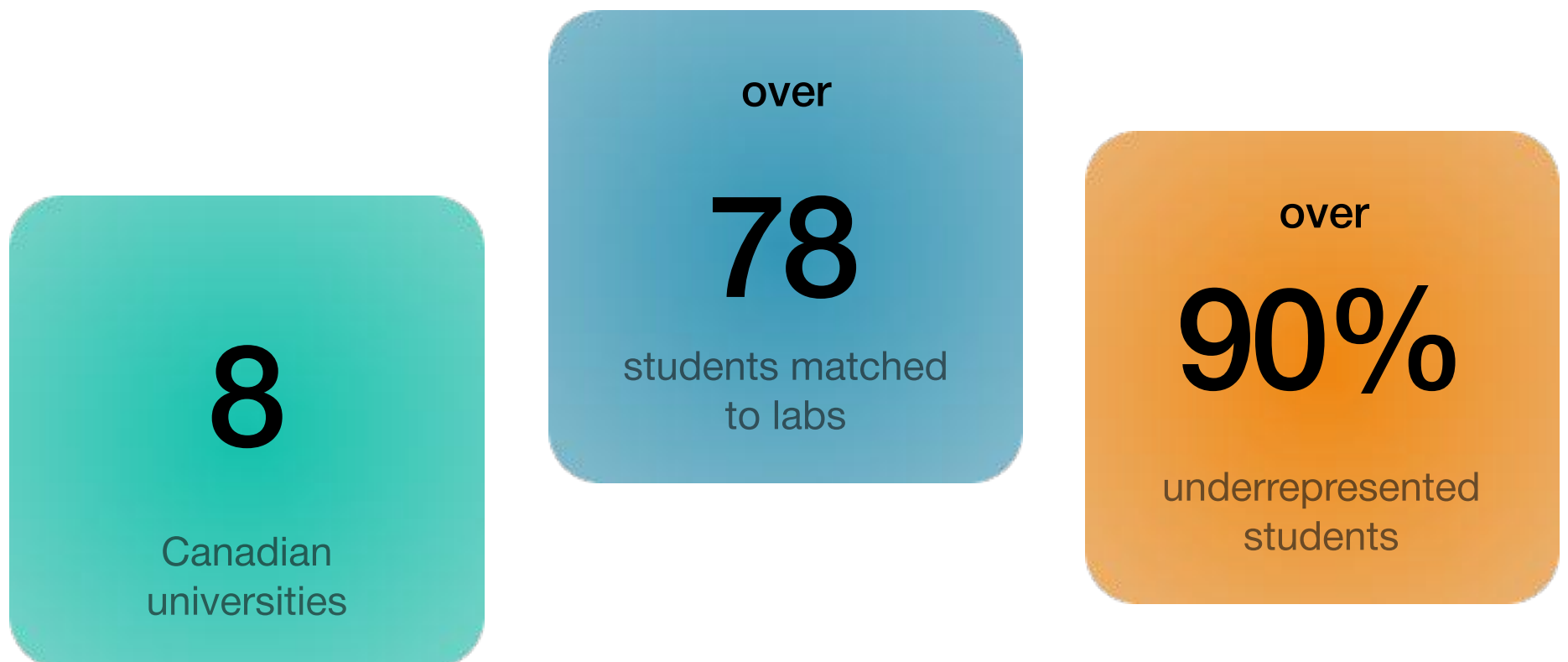
Through its diverse programs, STEMpowerment has connected thousands of students with professionals and academics across various fields, providing invaluable guidance and opportunities to explore STEM pathways.

STEMPOWERMENT

RESEARCH EXPLORATION OPPORTUNITY

A fundamental initiative of STEMpowerment is the Research Exploration Opportunity (REO) program. This program offers high school students hands-on research experience at a variety of Canadian universities.

In 2024, REO was organized in eight institutions across the country and our team successfully matched over 78 students to university labs, 90% of whom identified as part of an underrepresented group.



These experiences can open doors to academic and career paths that participants may not have otherwise envisioned.

STEMPOWERMENT

COURSES

Since 2021, STEMpowerment has developed 10 university-level courses covering topics from neuroscience to biochemistry to coding.



Astrophysics



Coding



Cognition



Mars Exploration

These courses are designed to address gaps in traditional high school education and are offered online to ensure accessibility for all students, regardless of their location. In 2024, we hosted a record of four courses: astrophysics, coding, cognition, and Mars exploration.

Approximately 92% of the 116 participants in 2024 belonged to underrepresented communities, and the program's inclusive content reflects the diversity of its learners.

STEMPOWERMENT

MENTORSHIPS

The STEMpowerment Mentorships Program pairs high school mentees with undergraduate, graduate, and industry professional mentors.

This initiative fosters a thriving community where students can share resources, exchange experiences, and form meaningful networks.

900

Mentee-mentor interactions

50

Mentor-mentee pairings

90%

underrepresented communities

In 2024, the program supported **50 mentor-mentee** pairings, with **90%** of mentees belonging to underrepresented communities. Participants praised the program for its impact on their academic and personal growth.

STEMPOWERMENT

PHARMPATH



In 2024, the STEMpowerment Committee partnered with the University of Toronto's Leslie Dan Faculty of Pharmacy to launch PharmPath, an initiative designed to inspire Black and Indigenous high school students to explore careers in pharmacy.

Through the dedicated outreach efforts of our leadership team, over 100 students participated in virtual modules, with 39 attending an in-person experiential day, exemplifying our commitment to creating impactful and inclusive programming.

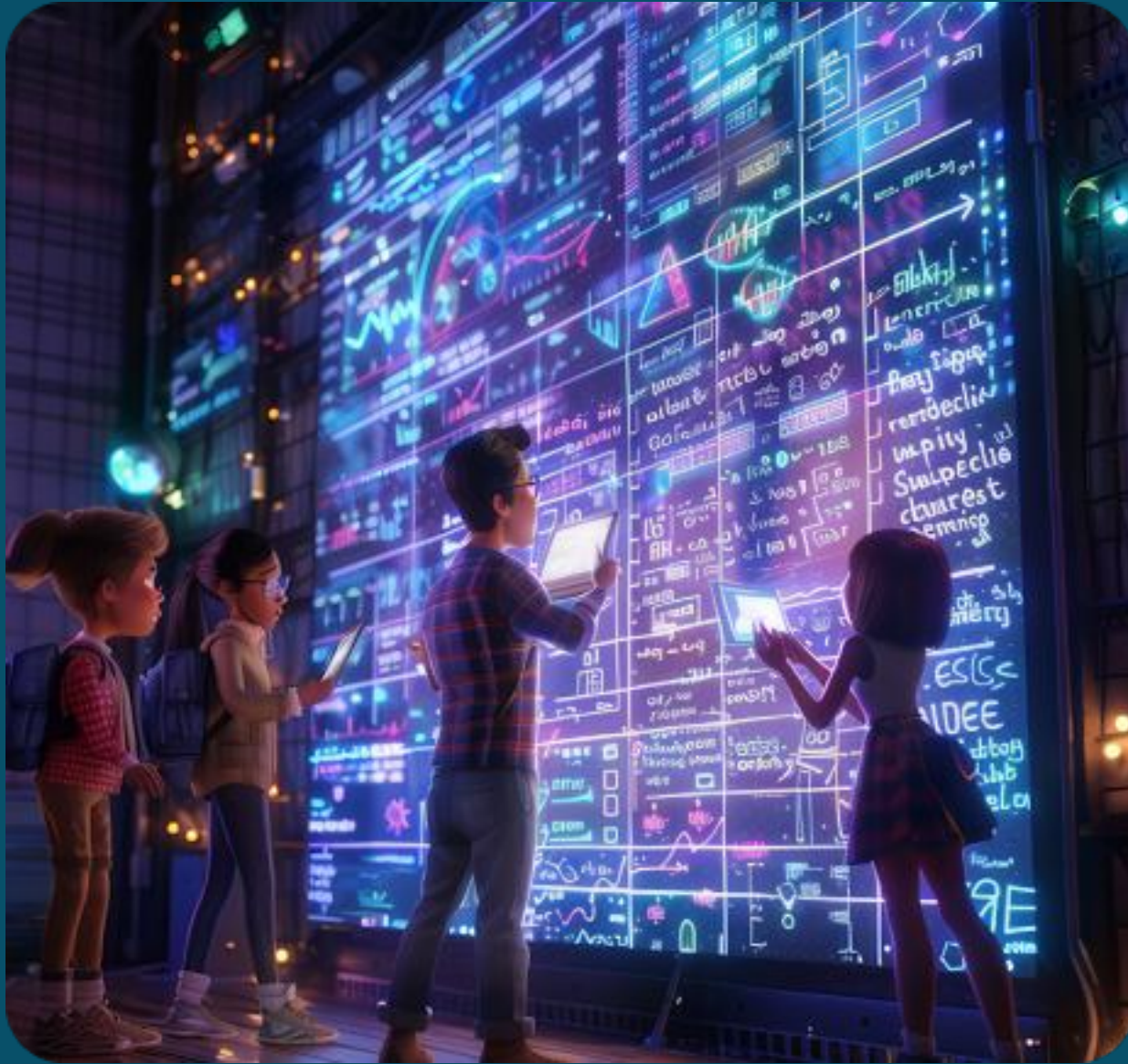
Science Communication Committee

The Science Communication (SciComm) Committee is the driving force behind our mission to foster the next generation of science advocates and changemakers. SciComm is composed of four teams that organize the following initiatives: STEM Fellowship Journal, Scholarly Viewpoint Challenge, Workshops, SciComm Blog.

As a whole, this pillar engages students in science literacy through its various publication opportunities, awards, competitions, free workshops, and lay language articles.

SCIENCE COMMUNICATION

STEM FELLOWSHIP JOURNAL



The STEM Fellowship Journal (SFJ), our open-access, peer-reviewed academic journal published by Canadian Science Publishing, provides high school and university students with a platform to showcase their original research. Led by two Managing Editors and supported by a team of associate, copy, and layout editors, the journal is dedicated to promoting the scholarly work of emerging academic talent.

In 2024, the SFJ published 13 papers ranging from original articles to viewpoints to conference proceedings. In doing so, it has featured hundreds of emerging scholars, playing a pivotal role in launching the academic careers of future scientists.

SCIENCE COMMUNICATION

SCHOLARLY VIEWPOINT CHALLENGE



Our annual Scholarly Viewpoint Challenge invites high school students to hone their scholarly writing by creating scientific viewpoint articles. Students receive mentorship from academic and industry professionals, attend workshops, and gain valuable feedback from PhD-level peer reviewers. This year, over **75 participants** submitted viewpoint articles, supported by **12 mentors** and **10 judges**. The top **10 winners** were awarded over **\$6,000** in prizes, including discounted publication opportunities in the SFJ and access to LinkedIn Learning, further cultivating their science literacy skills.

\$6k

in prizes

10

winners

75

participants

12

mentors

10

judges

SCIENCE COMMUNICATION

WORKSHOPS



The Workshops team enhances our programs by delivering in-depth, practical training on essential topics such as securing research opportunities, writing impactful papers, and mastering research statistics. Since 2016, they have developed over 20 original presentations, benefiting more than 600 students and equipping them with the tools necessary for success in their academic and professional careers.

600

benefiting students

20

original presentations

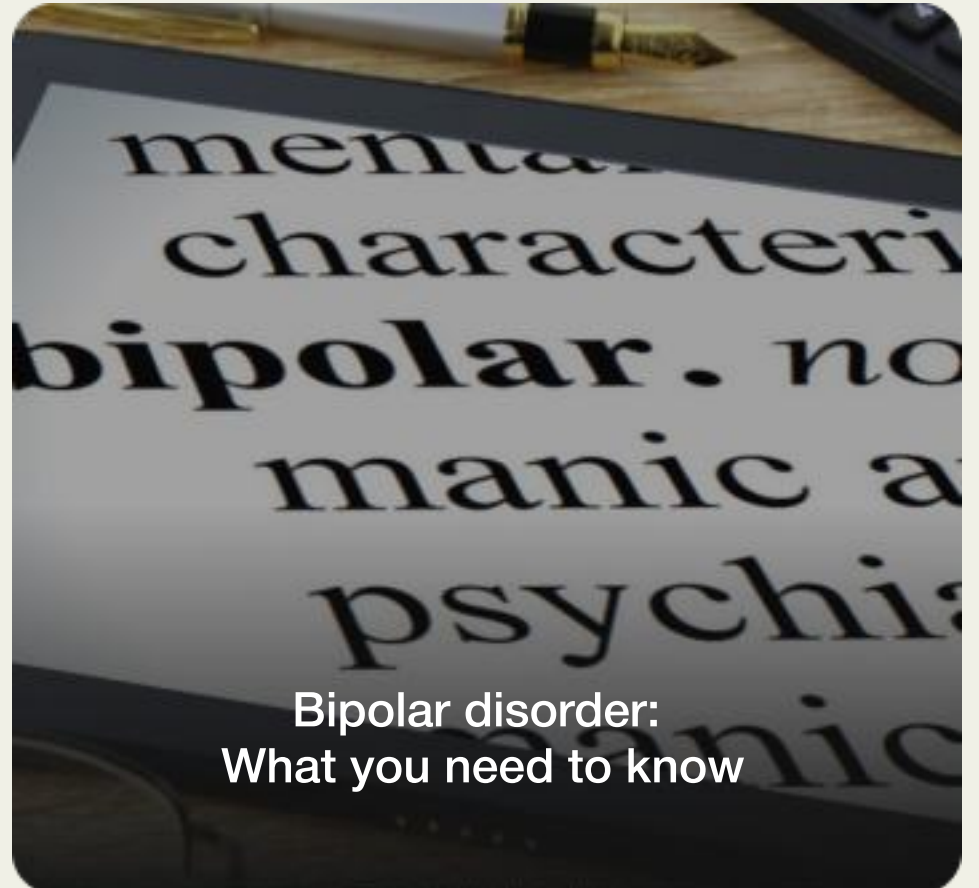
This year, the team hosted four distinct workshops to support our Scholarly Viewpoint and Big Data Challenges.

SCIENCE COMMUNICATION

SCICOMM BLOG



Introduction to AI and Quantum Computing: The Next Frontier in Computer Hardware Engineering



**Bipolar disorder:
What you need to know**

Lastly, we rekindled our SciComm Blog this year, helping to elevate student voices by publishing creative, thought-provoking articles on diverse scientific topics—from quantum computing to bipolar disorder. These initiatives provide students with essential skills in communication while empowering them to engage the broader community in scientific discourse.

Grassroots Committee

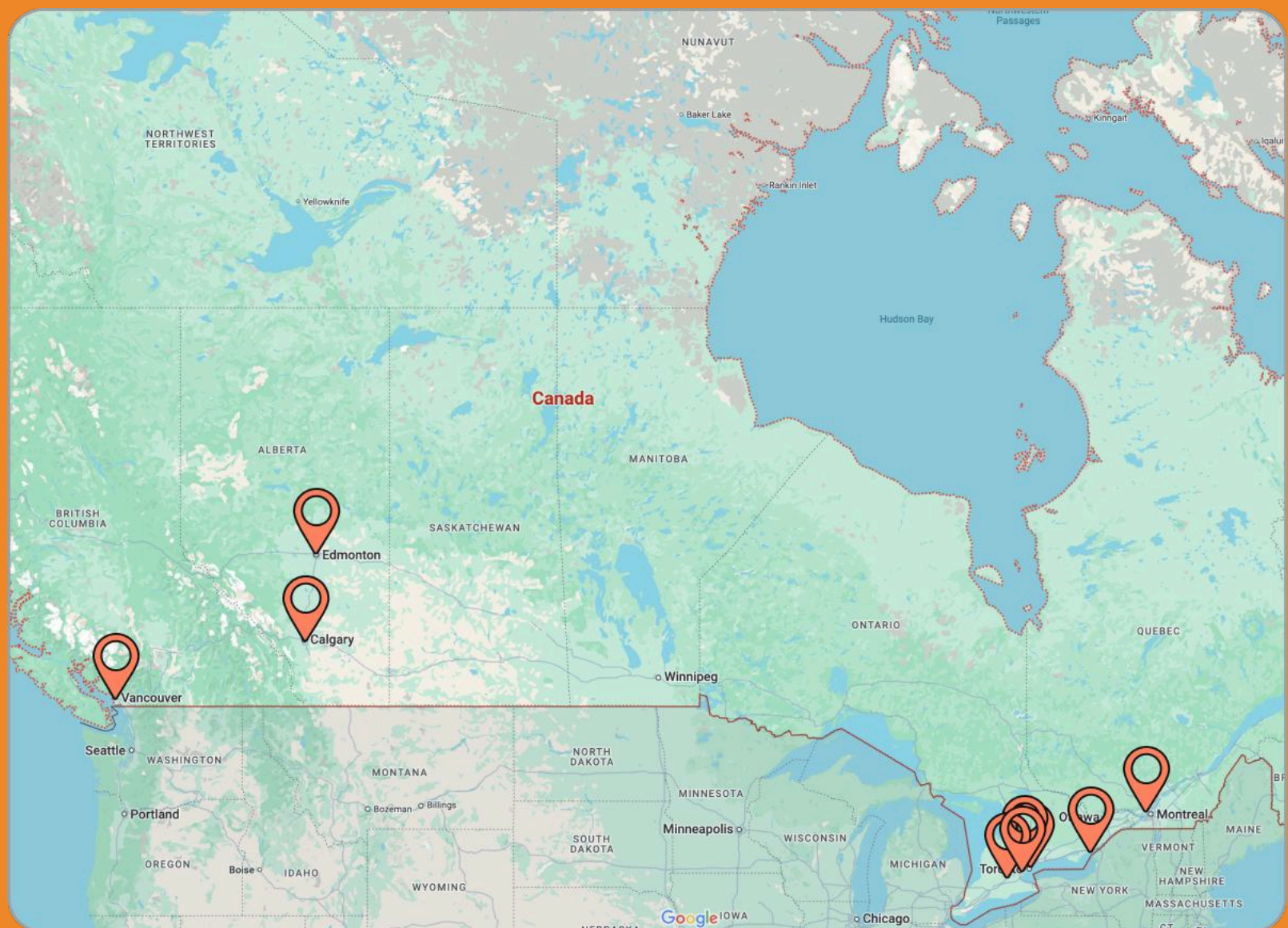
The STEM Fellowship Grassroots Committee aims to provide high school and university students with the opportunity to advance STEM Fellowship's mission of promoting data science, scholarly communication, and equitable learning opportunities through the formation of local high school chapters and university branches.

Students running chapters and branches promote STEM Fellowship initiatives and assist members who are interested in competing in STEM Fellowship events. Chapters and branches are also encouraged to coordinate and plan their own events.

GRASSROOTS

UNIVERSITY BRANCHES

STEM Fellowship has branches at 10 universities across Canada



Ontario

Toronto Metropolitan University
Queen's University
York University
Guelph University

University of Toronto (St. George and Mississauga campuses)

Alberta

University of Alberta
University of Calgary

British Columbia

University of British Columbia

Quebec

Marianopolis College

GRASSROOTS

UNIVERSITY BRANCHES

During the 2024-2025 academic year, STEM Fellowship branches hosted 12 branch-level events with a total of 200+ attendees. The events included coding workshops, career panels, and research workshops. Currently, our branches have 330+ student members.



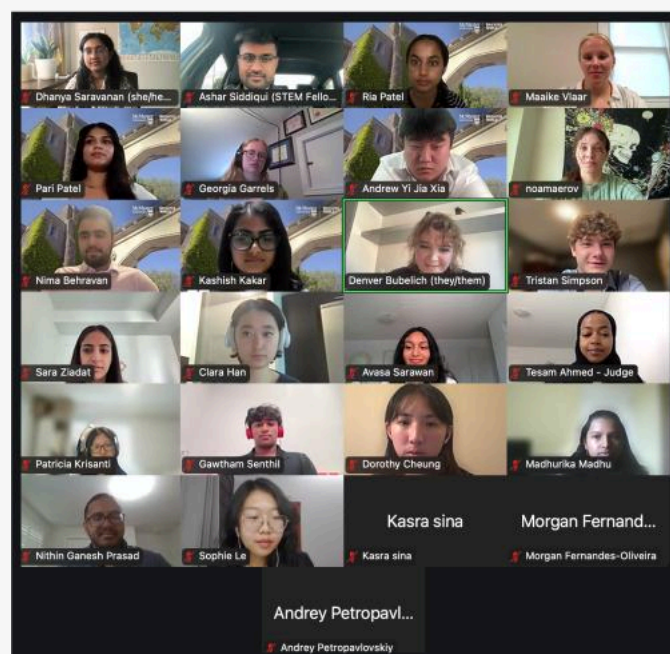
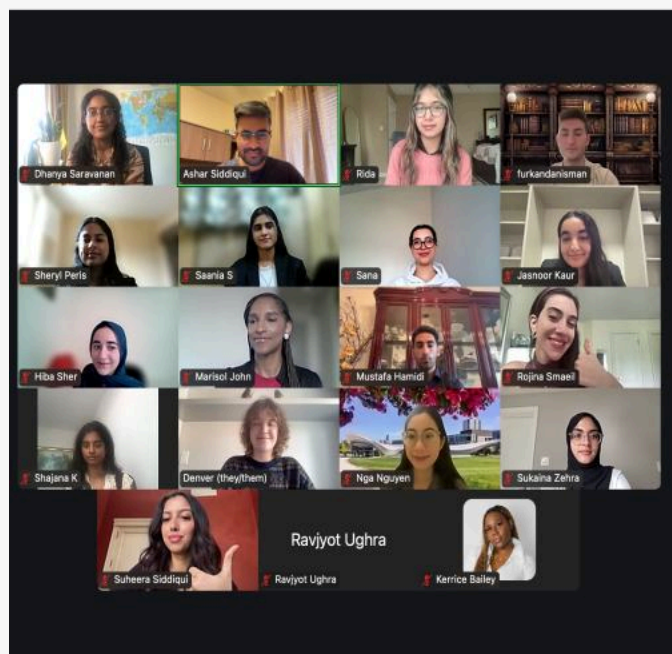
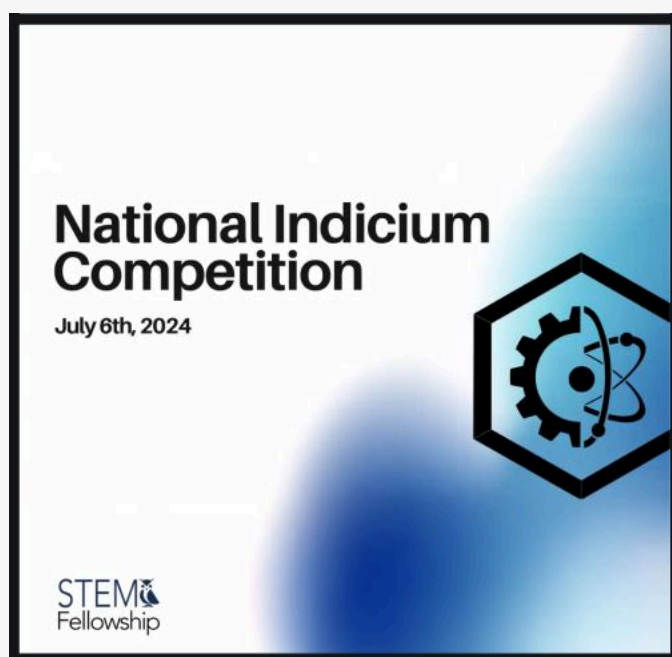
In 2025, the Grassroots Committee aims to expand its reach to more universities across **Canada and to the United States.**

GRASSROOTS

UNIVERSITY BRANCHES

National Indicium Competition 2024

Indicium is an annual research competition geared towards introducing undergraduate students to research. Groups of students are paired with researchers who guide them through a project in their field of expertise and prepare them for the National Indicium Research Competition. In 2024, there were two separate virtual Indicium competitions, which involved 35 student participants and 11 principal investigators. The first competition involved 5 teams from the University of Toronto, McMaster University, and University of Guelph. The second competition involved 6 teams from York University. A winner from each conference was selected and given an opportunity to publish their research in the STEM Fellowship Journal.



GRASSROOTS

HIGH SCHOOL CHAPTERS

As of the 2024-25 school year, the High School Chapters Team has expanded to include 17 chapters from across four provinces in Canada. This year, the committee has implemented many key changes, including a new chapter registration fee structure and improved benefits for chapter members.

New benefits include access to an in-person **conference**, **event discounts**, and skill development **workshops**.

Through these changes, the committee aims to provide members with valuable resources and opportunities to to develop their skills and passion for STEM Fellowship's mission. In addition to these changes, chapters are receiving increased mentorship from experienced regional leads to ensure they can host independent events promoting STEM Fellowship initiatives through innovative means.



Conference



Event discounts



Workshops

GRASSROOTS

HIGH SCHOOL CHAPTERS

Looking ahead to 2025, the committee has ambitious plans to elevate the Chapters Program with a range of new initiatives. These include developing innovative fundraising methods to boost program investment, enabling a broader spectrum of events and opportunities for chapter members.



Key enhancements will focus on:

- Creating networking opportunities to help high school students successfully transition to university.
- Building a network of teachers and instructors through chapters to foster interest in STEM education, with specialized support in areas like cybersecurity and AI tools via teacher conferences.
- Launching after-school programs designed to provide students with hands-on learning and growth in data science.
- Expanding our impact, empowering both students and educators to thrive in STEM fields.
- Establishing a nation-wide STEM student network in Canada, fostering the exchange of ideas and learning on a national platform.

Development Committee

The Development Committee is dedicated to fostering growth, enhancing operational efficiency, and strengthening connections within the organization. The committee plays a key role in organizing impactful initiatives such as university application workshops, social events, and professional development programs that equip executives with essential skills for professional success. This includes workshops on university applications, time management, and networking strategies to help members balance academic, professional, and personal commitments.

Additionally, the committee works to elevate the visibility of STEM Fellowship's programs through the Social Media and Content Creation teams, using digital platforms and creative content to engage students worldwide.

DEVELOPMENT

HUMAN RESOURCES

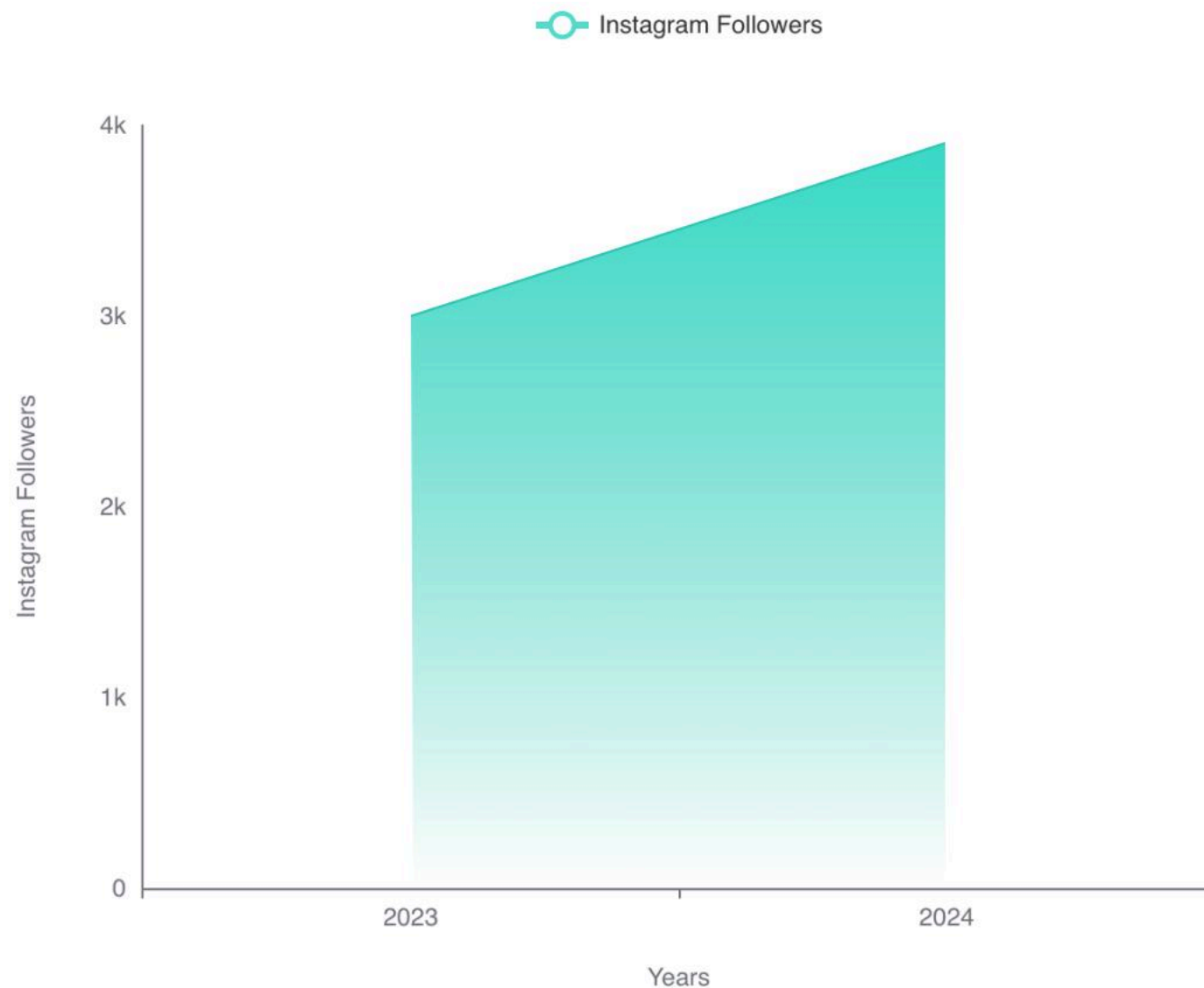


The Internal team has successfully organized and executed a range of initiatives, with the most notable being a series of University Application Workshops for members launched in October 2024. Additionally, they have facilitated in-person social events to strengthen connections within the executive team.

Meanwhile, the External team has demonstrated excellence in managing key organizational functions, including standardizing the volunteer recruitment and onboarding processes, coordinating new member orientations, implementing volunteer recognition programs, and collaborating with other STEM Fellowship committees to enhance overall operational efficiency.

DEVELOPMENT

MARKETING

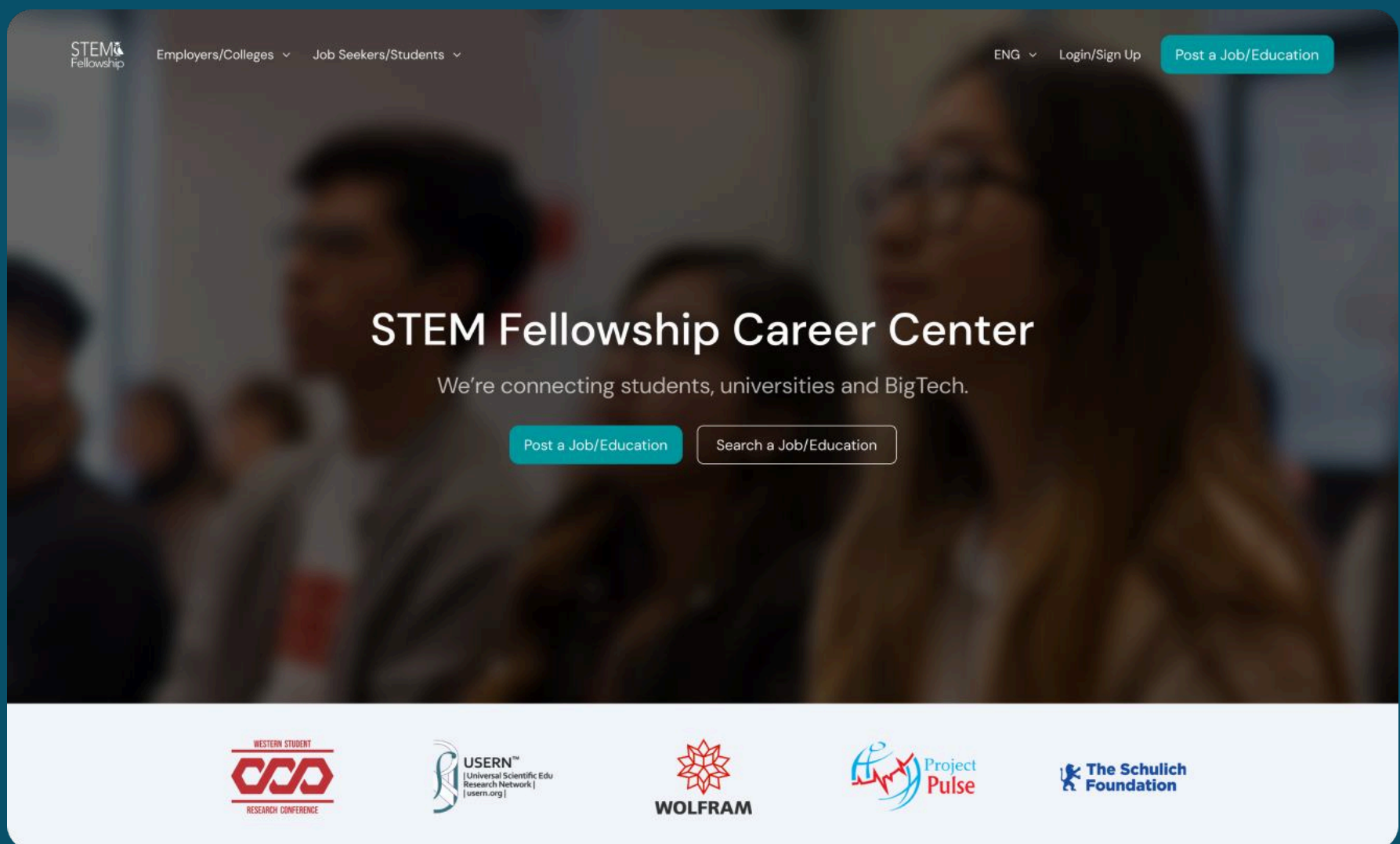


Marketing efforts have continued to expand, effectively engaging high school and undergraduate students and providing them with opportunities to get involved in STEM. In 2024, our social media platforms experienced growth in engagement, followers, and overall reach. Notably, we achieved a major milestone on Instagram, surpassing 3,900 followers and increasing our average reach count by 3000 from 2023.

The creativity of our Social Media, Content Creation, and Website teams has driven this success by exploring innovative graphic art and animation styles, further enhancing our digital presence. Additionally, we produced a professional recap video of the IUBDC, available on both our [YouTube](#) and [Instagram](#) pages, showcasing our commitment to dynamic and engaging content.

STEM FELLOWSHIP CAREER CENTER

In 2024, we launched the STEM Fellowship Career Center is a unique career portal for STEM talent to match with research and development lead industry opportunities.



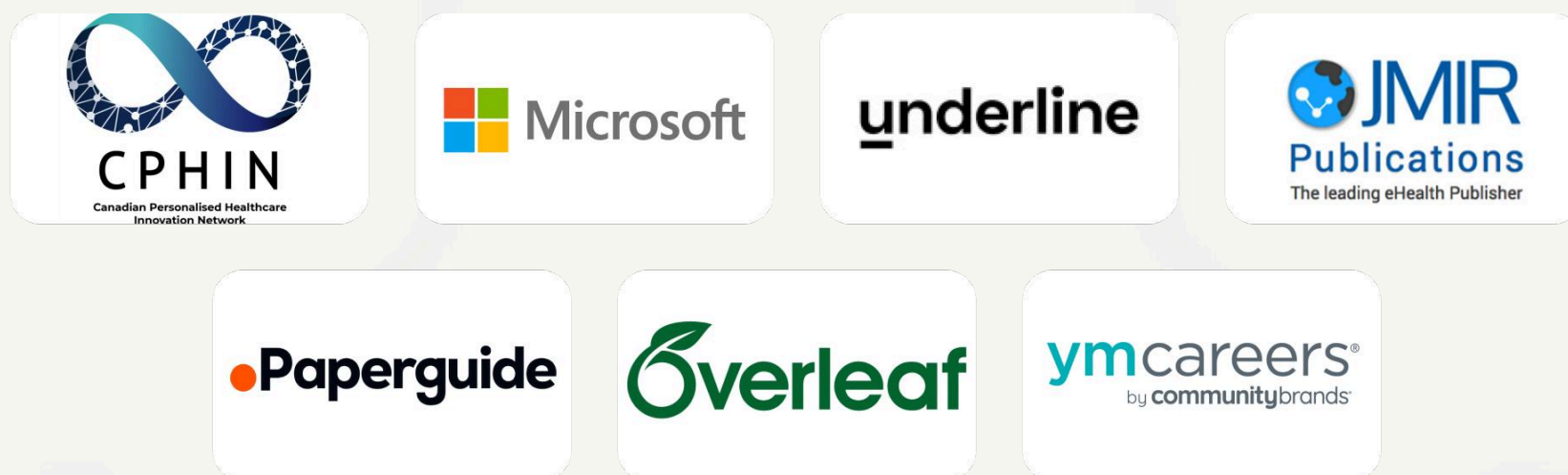
This is a dynamic platform designed to connect young STEM talent with impactful career opportunities and resources. Launched to bridge the gap between education and industry, the Career Center serves as a hub for students and early-career professionals to access job postings, internships, and career development tools tailored to the STEM fields. By fostering meaningful connections between aspiring STEM leaders and innovative organizations, the platform empowers the next generation to thrive in an ever-evolving professional landscape.

SPONSORS AND PARTNERS

Sponsors:



Partners:



These invaluable collaborations provided financial support, domain expertise, publication opportunities, and platform access. Such partnerships enriched participants' experiences, brought international attention to our programs, and reinforced the organization's work in STEM education.

EXECUTIVE TEAM

Vikram Arora

Co-Chief Operating Officer

Anna Tymofyeyeva

Co-Chief Operating Officer

DATA SCIENCE

Sanjit Samanta

Chief Officer

Danny Popp

Logistics Team Lead

Ornella Shai

Outreach Team Lead

Raphael Kelly

Chief Officer

Aditi Koratpallikar

Logistics Team Lead

Sukhraj Dulay

Outreach Team Lead

STEMPOWERMENT

Natalie Jarycki

*Chief Officer, Mentorships
Team Lead*

Qin Ling Shi

REO Team Lead

Yasmin Alhamdah

Courses Team Lead

Rena Chang

Chief Officer

SCIENCE COMMUNICATION

Sergio Ruez Villanueva

*STEM Fellowship Journal
Managing Editor*

Vicky Nguyen

*Science Communication
Blog Team Lead*

Emilie de Chantal

*Scholarly Viewpoint Challenge
Team Lead*

Katie Manas

*STEM Fellowship Journal
Managing Editor*

Yanishka Gahlot

Workshops Team Lead

EXECUTIVE TEAM

GRASSROOTS

Dhanya Saravanan

Chief Officer

Ashar Siddiqui

Chief Officer

Maira Naveed

*High School Chapters
Regional Lead*

Yunhe (Aaron) Zhang

*High School Chapters
Regional Lead*

Vaishnevan Thayaseelan

*High School Chapters
Regional Lead*

Rida Siddiqui

*Western University
Branches Regional Lead*

Denver Bubelich

*National University
Branches Indicum Lead*

Tesam Ahmed

*Eastern University Branches
Regional Lead*

DEVELOPMENT

Nick Luo

Chief Officer

Avani Ralhan

Chief Officer

Fatima Masood

*Human Resources Team
Lead*

Soyini Alexander

Social Media Team Lead

Claire Hu

*Content Creation Team
Lead*

STAFF

STAFF

Ema Jamal

*Accounting and
Administration*

Yurii Baidan

*Product Designer &
Manager*

CONSULTANTS

Malaika Arif

*Canada West
Representative*

Mathieu Landry

*Teacher and School
Outreach*

STEM Fellowship



@stem_fellowship



@STEMFellowship



@STEM_Fellowship



@STEM Fellowship