

Her STEM Story

Prasha S Dutra

*Her STEM Story Podcast
Founder and Manager at SAI,
Prasha Sarwate, presents at
Wheaton College on Apr 6,
2019.*

OUR VISION

We envision a future where there is universal and equitable access to STEM for all. Our core belief is that education and engagement with a strong foundation in STEM is a critical component for global economic growth, social advancement, and ultimately, global peace.



Co-Directors: Drs. Jessica W. Tsai (L) and Fanuel Muindi (R)

The past 12 months have been the most active in the institute's short history. We have continued to expand all our databases and are in the process of creating new ones. We have added new team members, presented at conferences, held exhibits and online seminars, built our first program supporting science teachers, surpassed our target donation amount thanks to our donors, and secured our first official grant. Moreover, we held our very first SAI dinner in Cambridge which allowed some of the team members to meet for the first time. Although we are grateful for the growth, there is still a lot of work left. We continue to run an all volunteer team and we are actively looking for new funding through donations and grants to support our growing body of work. We are excited about the year ahead and hope you will join us as we continue this journey. In the upcoming pages, enjoy exploring some of the stories from our 2018-19 fiscal year (July 1, 2019– June 30, 2019).

breakdown

\$9475

Total Income



3X
from last
fiscal year

14

Conferences/Workshop
Attendances

3

Grants Awarded

5

Formal Collaborations

1

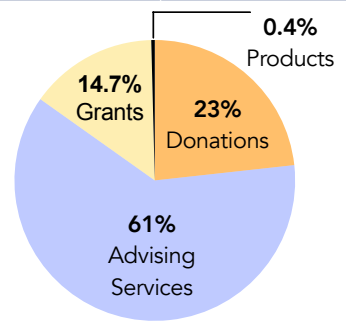
Book
Avg. of one book
per year

FINANCIAL SUMMARY

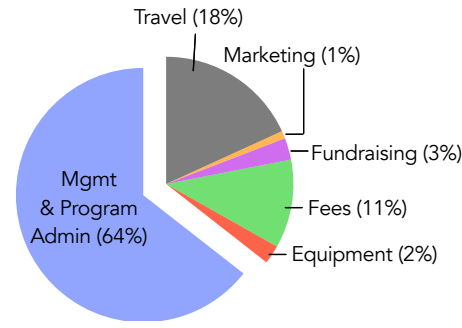
Assets (Year Ending June 30, 2019)	
General Fund	\$3921.16
Reserve Fund	\$1221.66
Journal of Stories in Science	\$398.66
Her STEM Story Podcast	\$451.12
SAI Fellows Program	\$994.27

Liabilities	
Liabilities	\$0

Net Assets	
Net Assets	\$6,986.87



Income Breakdown



Expenses: \$5238.83

SAI IN THE NEWS



SAI co-directors were interviewed by WBRS radio station at Brandeis University. The interview took place on Sept 26, 2018.

nature
International journal of science

“In nations with high rates of poverty and poor infrastructure, providing a basic education can be a struggle. It is hard to worry about adding STEM subjects to the curriculum when “people can’t even get to the classroom” Fanuel Muindi, **Nature Outlook, Oct 2018.**

HIGHER EDUCATION

Could Remixing Old MOOCs Give New Life to Free Online Education?

By Jeffrey R. Young Mar 20, 2019

SAI's Journal of Stories in Science collaboration with Harvard University's LabXchange Project was recently mentioned in an article from **EdSurge**, a leading education news organization.



Prasha Sarwate
networking at the Pioneer
Valley Women in STEM in
Oct 2018.

We think it is important to travel in-order to form new connections with people, projects, and organizations.

Traveling Matters

We place value in forming new connections with people, organizations, and projects. In order to form these new connections, we have traveled to conferences, workshops, festivals, and other types of events. A select few are highlighted on the next page. We hope to continue making such trips in the upcoming year and provide additional funding to give more SAI members the ability to travel and present their projects.

CONFERENCES, WORKSHOPS, AND MORE

SAI presented the Stories in Science project at the Cambridge Science Festival, April 2019



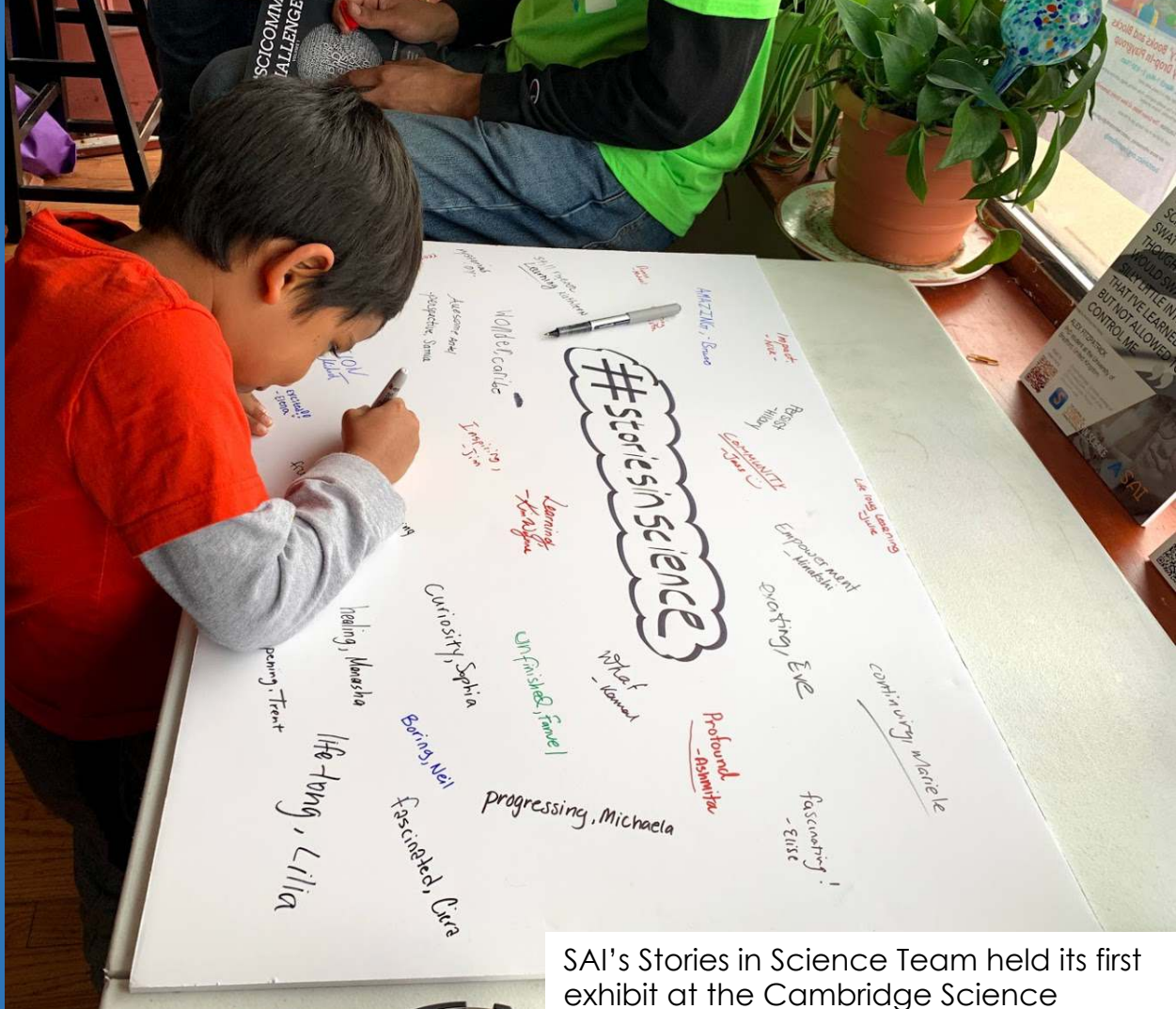
(LEFT) The National Academy of Sciences hosted a conference called the Sackler Colloquium, Advancing the Science and Practice of Science Communication: Misinformation About Science in the Public Sphere, on April 3-4, 2019 at UC Irvine. SAI attended the event.

Prasha Sarwate presented at the Pioneer Valley Women in STEM in Oct 2018.



Fanuel Muindi presents at the Brandeis University Science Policy Group, Oct 2018

OUR PROJECTS



SAI's Stories in Science Team held its first exhibit at the Cambridge Science Festival in Apr 2019.

Our Projects

The development division is where a lot of SAI's work is housed. The focus here is to build tools, databases, and programs. Some of the projects we are currently working on are highlighted on the next page.

**Her STEM Story
Podcast**

Increasing access
and the number of
women's
voices in STEM

15k downloads
5x since last year

**Journal of Stories
in Science**

A citizen Science
Project

21k new visitors
138+ stories published
+37.90% from previous year

SciReach

A Global Directory
of Science
Outreach Initiatives

225+ initiatives

SAI Nanochats

Conversations with
Founders on their
logic models

8 Invited
Speakers
*Presentations
via Zoom*

**SAI Fellows
Program**

Mentorship
program focusing
on science
teachers

5 Fellows
*Provided with
\$100-200 in
funding*

SciComm Board

A database of
fellowships jobs,
grants and more in
SciComm

90 Postings

HER STEM STORY

COLLECTING STORIES . CONNECTING PEOPLE

A PODCAST



Her STEM Story Podcast has seen significant growth this past year with new branding, new team members, and so much more!

Social Media Engagement

5000 on Twitter (2X Since Last Year);
2600 on Instagram (3X Since Last Year)
400 on FB;
1500 on LinkedIn



Brittany Trinh



Katherine Hatcher



Sophie Okolo



Suchi



Prasha Sarwate
Founder and Manager

THE TEAM

OUR TEAM

Collecting Stories, Connecting People

HER STEM STORY



JOURNAL OF STORIES IN SCIENCE: A SPOTLIGHT



138

Stories Published

200k+

Number of Words

2-3

Stories Per Month

3000+

Total Views/Month



Photos are from Stories in Science exhibits in Cambridge and New York in April and June 2019 respectively.



The Journal continues to grow with increasing support and collaborations with external organizations.



SAI FELLOWS

SAI Fellow Dani Crain presents as part of her Science in a Box Project at the Mayborn Museum, Baylor University



Brain Explorers

Dr. Peter Vollbrecht, 2019 SAI Fellow
Assistant Professor of Biomedical Sciences, Western Michigan University

Drawn2Science

Dr. Leah Bury,
Postdoctoral Fellow, Whitehead Institute

Endocrine Disruptors Podcast

Katherine Hatcher, 2019 SAI Fellow
University of Illinois at Urbana-Champaign

Math2Bio Labs

Accadius Lunayo, 2019 SAI Fellow
Centre for Biotechnology and Bioinformatics, University of Nairobi



THE PROJECTS

About the SAI Fellows Program

Our SAI Fellows program enables science teachers and communicators to implement innovative ideas to increase access to science. Through the generosity of our supporters, our Fellows address issues of access in science - particularly among underrepresented populations and under-served areas around the world.

THANK YOU TO ALL OUR
DONORS AND PARTNERS

THE HARD WORK CONTINUES

JOIN SAI TODAY!

GET IN TOUCH.

STEM Advocacy Institute (SAI)
<https://stemadvocacy.org>
scholarship@stemadvocacy.org

