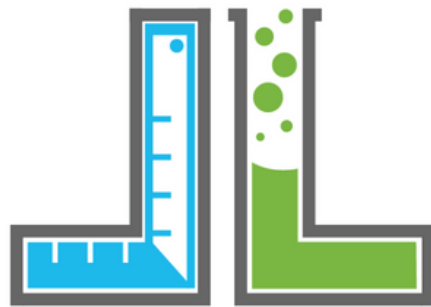


STEM LIBRARY LAB

**ANNUAL
REPORT**

2022-2023



STEM LIBRARY LAB





STEM LIBRARY LAB

TODD WACKERMAN

EXECUTIVE DIRECTOR

Hello again!

Wow, time flies.

2022-2023 marked the first full year of operating the Teacher Free-Store serving 327 teachers, 50 new Service Learning projects, 3,428 items lent through the Equipment Lending Co-op, and 6 schools supported to implement high rigor science teaching through our Engaging Students in LSSS-Aligned Instruction professional development series.

And while I'm excited by these outcomes, we also looked internally to ask ourselves, "What does success look like for STEM Library Lab?" As a team, we developed organization wide Objectives, and measurable Key Results for each of our five programs. This work will serve as a road map to ensure that we're keeping our values and mission in mind.

Broad strokes, we strive for our programs to dig beyond just "engagement" in STEM or other subjects, and to create deep, rigorous experiences for students to learn and grow. We will be deliberate in naming who we serve: STEM Library Lab is an equity organization, we're open to all teachers, but will target schools rated as underperforming, serving high populations of students of color, and high populations of economically disadvantaged students. We will be purposeful about targeting our impact toward those schools, teachers, and students most in need.

So what's next?

1. In February, we launched our \$400K Capital Renovation Campaign. We're fundraising to develop the Innovators' Lab, a 1,000 sq ft teacher training workspace; provide structural improvements to the Teacher Free-Store; and revamp our office space in order to double our staff size in 2024. We're seeking capital support (stemlibrarylab.org/campaign) to help us bolster a space that uplifts the teachers of Greater New Orleans intellectually, physically, and emotionally.

2. After two years of design, the EdOpportunities Database (EdOpportunities.org) is live! In the 2023-2024 school year, this tool is available for teachers, students, and families to explore and identify new pathways to support themselves and their classrooms.

It's been a great year, but we're looking forward to even more in 2023-2024. And, there's a ton of ways to stay involved in helping our impact grow, so we're also looking forward to seeing you soon!

Todd



OUR MISSION

OUR VISION

STEM Library Lab fosters high-quality active learning by providing teachers with access to equipment, programs, experiences and STEM instructional support to drive student success.

Students in every classroom have exposure to quality educational experiences that prepare them for a 21st Century future.



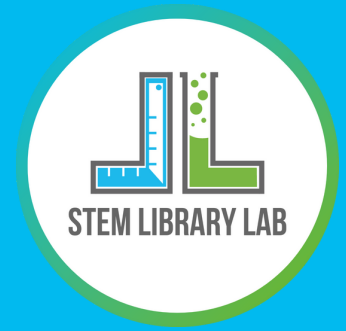
OUR COMMITMENT TO RACIAL AND EDUCATIONAL EQUITY

From our founding, STEM Library Lab has been rooted in a belief that there is more work to be done.

Across the region, our schools are segregated. Though white children make up 21% of the population under 20 years old in New Orleans, the public schools that received a D or F on recent School Performance Scores have less than a 1% white student population. Economically stable students are 2.8 times more likely to achieve academic Mastery in Science than their economically disadvantaged peers.

Systemic educational inequities permeate our schools, public, private, and parochial, and through our work with teachers, STEM Library Lab is working toward a future in which neither race nor economic status dictates your future potential.

OUR TEAM



**Todd
Wackerman**

Executive
Director



**Monique
Pilié**

Director of
Operations



**Karen
Marshall**

Director of Professional
Development



**Szabolcs
Varga**

STEM Librarian



**Maria
Landrum**

Service Learning
and Outreach
Manager

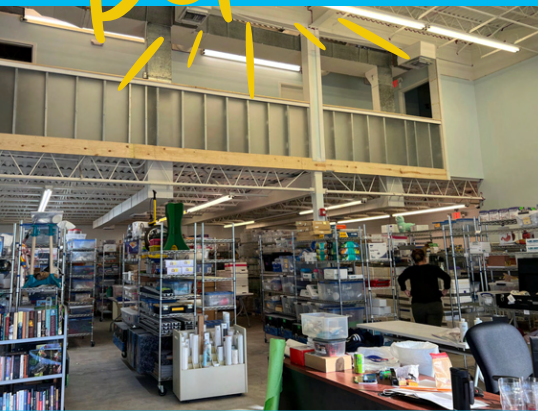


**Robin
Martin**

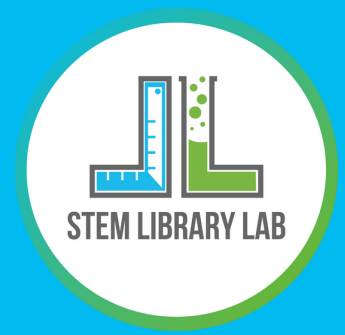
Marketing and
EdOpportunities
Database Manager

OUR SPACE

Before



After



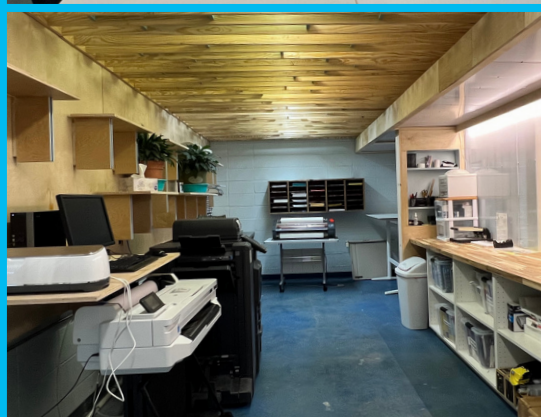
We have gone through quite the transformation!

Thanks to the incredible efforts of the Tulane Small Center, our space has undergone a remarkable renovation, evolving into the consummate resource center for educators.

The collaboration with the Small Center has brought about a revitalized and modernized environment, tailored to meet the diverse needs of teachers seeking our valuable resources and support.

The Before and After photos vividly showcase the dramatic changes, illustrating the journey from a functional space to a dynamic hub that fosters collaboration, innovation, and professional growth.

Take a closer look at the remarkable transformation that has taken place!





CO-OP MEMBERS

SCHOOLS AND COMMUNITY ORGANIZATIONS:

Agile Learning Center
Algiers Charter Schools Association | L.B.
Landry
Algiers Charter Schools Association | Martin
Behrman
Airline Park Academy
Center for Resilience
Collegiate Academies:
--Abramson Sci Academy
--Baton Rouge
--G. W. Carver
--Livingston
--Rosenwald
Community Academies of New Orleans:
--Esperanza
--Foundation Preparatory
--Lafayette
Ecole Bilingue
Educators for Quality Alternatives:
--The Bridge
--The NET: Central City
--The NET: East (formerly NOAH)
--The NET: Gentilly
Einstein Charter:
--Sarah T. Reed
--Sherwood Forest
--Village De L'est
--Einstein Charter Middle School

GNO Science & Engineering Fair
International High School of New Orleans
International School of Louisiana:
--Camp St
--Dixon
--Westbank
KIPP | Booker T. Washington
Living School
Lycée Français de la Nouvelle-Orléans:
--Johnson
--Lower
--Priestley
Mid-City Ministries
New Harmony High School
New Orleans Charter Science and
Mathematics High School
ReNEW:
--Delores T. Aaron
--Laurel Elementary
--Schaumburg
Rooted School
St. Augustine
Young Audiences:
--Burmester
--Kate Middleton
--Lawrence D. Crocker
--Little YACS

Co-op Member Schools contribute an annual membership for the teachers, and in return, in addition to borrowing equipment, SLL provides pickup/delivery, purchasing of new equipment, and targeted support.

The Co-op is accepting new School Members for 2023-2024, and invites local businesses to sponsor neighborhood schools through our Community Business Initiative.

OUR DONORS

PHILANTHROPIC PARTNERS:

Booth-Bricker Fund
Bruce J. Heim Foundation
Ella West Freeman Foundation
Frost Foundation
Joe W. and Dorothy Dorsett Brown Foundation
Keller Family Foundation
Meraux Foundation
Patrick F. Taylor Foundation
Pro Bono Publico Foundation
RosaMary Foundation
Tesson Foundation
Zemurray Foundation

IN-KIND DONORS:

Bart's Office
Coca-Cola Bottling Company
Cox Communications
Greening NOLA (Loyola)
JLL
Joanne's Fabrics
Joe W. and Dorothy Dorsett Brown Foundation
New Orleans Area Teachers
Nicholls State University
Peter Mayer
Pond & Co.
Retired Teachers
SevITech
Trash 2 Treasure (Tulane)
Tulane Small Center
Tulane University Chemistry Department

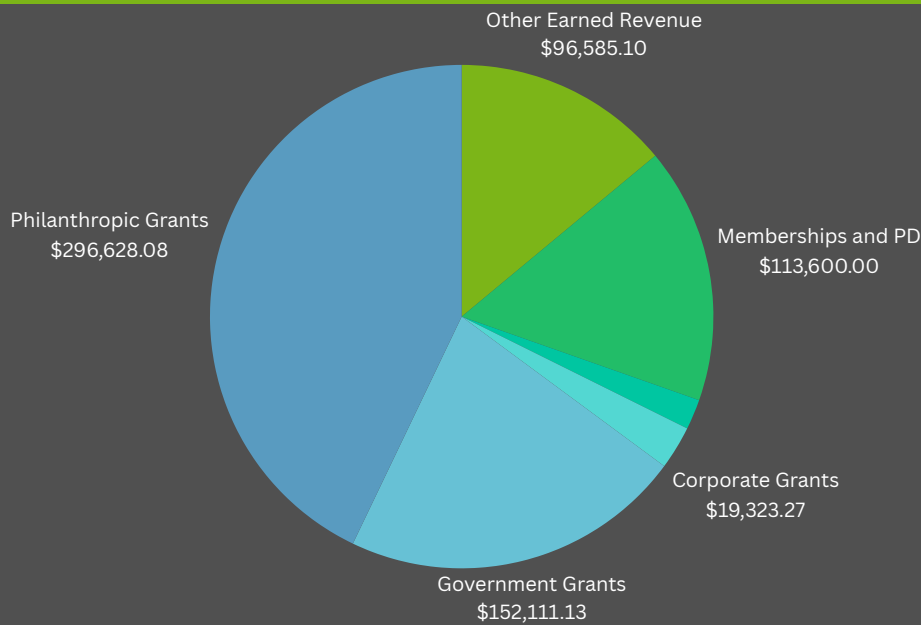




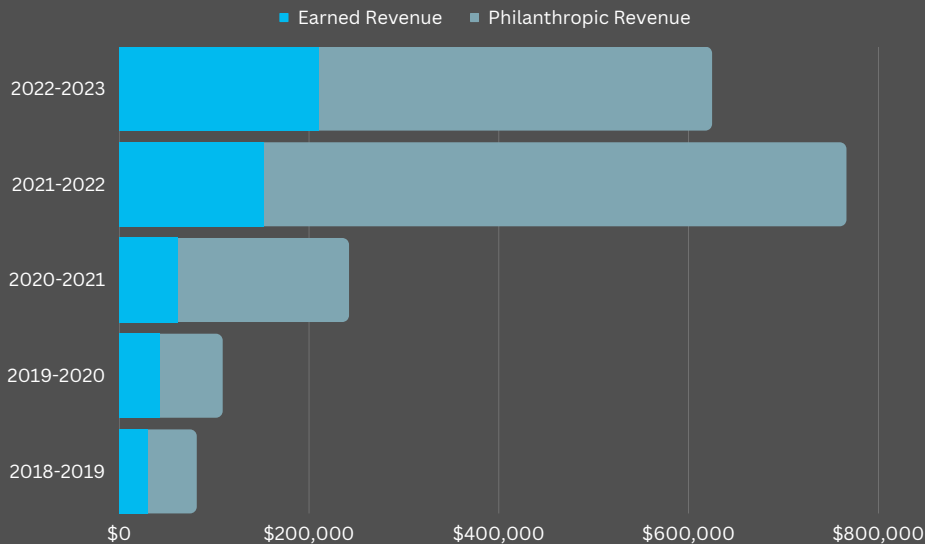
ORGANIZATIONAL REVENUES

In 22-23, our revenue mix moved closer to our goal of sustainable growth through earned revenues. Programs, services, and other earned revenue accounted for 39% of total funds raised up from 19% in 21-22. Contributed revenues from philanthropic grants, donations, and corporate giving continued to account for 61% of income. Total revenues remained high, but down from the prior year, which saw an influx of grants received for multi-year projects.

BY CATEGORY



5 YEAR REVENUE GROWTH

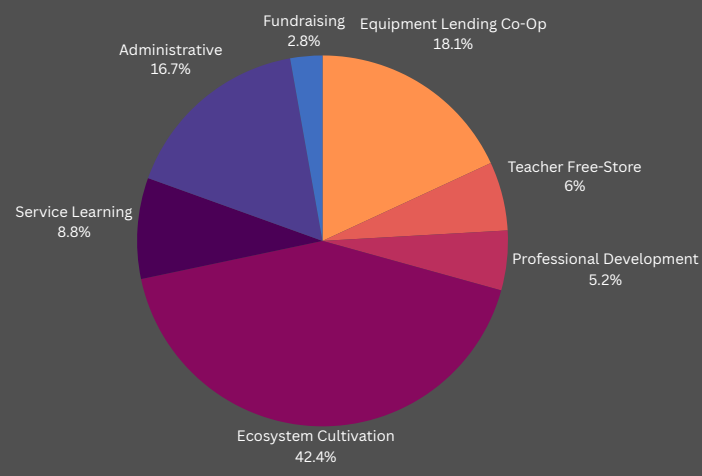
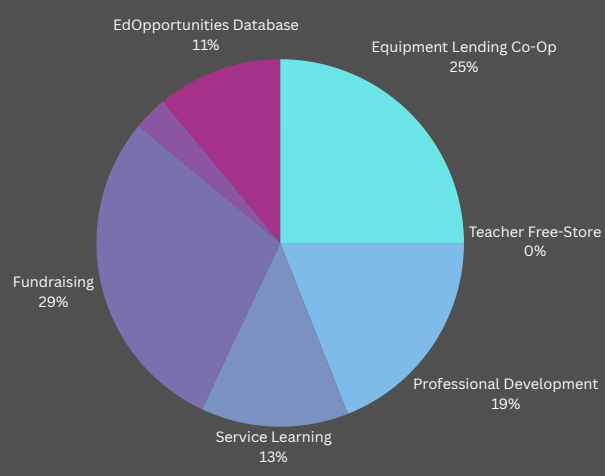




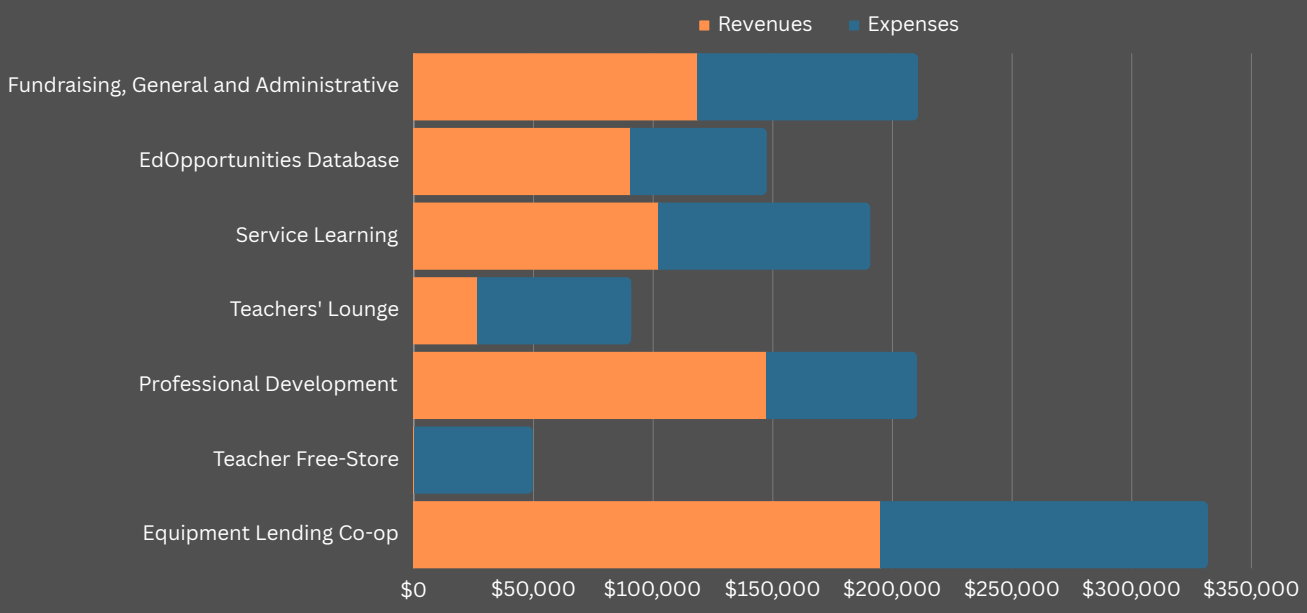
Our 6 distinctive programs realized a mix of revenues relative their expenses. The Equipment Lending Co-op and Engaging Students Professional Development Series successfully raised a surplus, which was used to offset our Teacher Free-Store and Teachers' Lounge, two high impact programs that cost more that they raised in 22-23. In keeping with prior years, our fantastic staff of 6 is our largest expense, while other administrative expenses accounted for just 12% of the total.

INCOME

EXPENSES



REVENUES VS EXPENSES





OUR PROGRAMS

STEM Library Lab is committed to igniting the spark of inspiration within educators, empowering them to unleash their full potential. Our comprehensive programs offer teachers access to a rich array of cutting-edge equipment, transformative educational experiences, and valuable STEM instructional support. Through these resources, we foster a culture of active learning that propels student achievement to new heights. At STEM Library Lab, we believe that when teachers are equipped and inspired, they become catalysts for student success, shaping a brighter future for all.





"I visited the STEM Library Lab with a friend whom is a teacher for the first time. I have heard many great things about it through other nonprofits and similar. In visiting it in person, it doesn't compare. The array of resources regarding most of what kids in grades K through 12 can be found at this library. I am a proponent of hands-on learning because kids are very visual. Excellent facility and resources."

~ Chasity J.

ABOUT

Our Equipment Lending Co-op provides teachers with STEM equipment and resources for enriching hands-on learning experiences. With access to over \$250,000 in cutting-edge STEM equipment, grade-level and content-specific Communities of Practice workshops, a pedagogy resource library, and tailored support, our co-op empowers educators to foster the innovators of tomorrow.

FAST FACTS

- Number of Member Schools & Organizations Served: **58**
- Number of Teacher Loans: **4757**
- \$ Value of Items Borrowed: **\$250,093**





"A huge thank you to the STEM Library Lab for providing the Service Learning grant! My students just finished four 1.2kwhr solar generators. Two are being kept at the school for mutual aid when people's power goes out and two are being donated locally to help with community resilience."

~ Jimmy L.

ABOUT

Service Learning serves as a bridge between classroom education and meaningful community engagement, allowing students to enhance their academic experiences while actively addressing vital local needs. At STEM Library Lab, we are committed to nurturing the growth of a new generation of engaged and compassionate young leaders. Our Service Learning Grant Program plays a pivotal role by providing full funding for impactful projects that help students to make a tangible difference in their communities.

FAST FACTS

- Number of Applications: **55**
- Number of Projects Funded: **50**
- Amount of Dollars Awarded: **\$142,256**



"I really enjoyed the Ergstown lesson! I liked the way it was broken down step-by-step. This was an excellent PD session, thank you so much!"

~Dana L.

ABOUT

Our Professional Development program is designed to support teachers and administrators in executing the switch to Phenomena Based Learning (LSSS aligned curriculum). This 9 session series walks teachers through instructional shifts in 3D learning used to facilitate inquiry-based classrooms, rooted in the Louisiana Student Standards for Science. These sessions highlight teacher phenomena--not topics--as required to be LSSS aligned in 2023.

FAST FACTS

- Number of K-12 Schools Served: **6**
- Number of Teacher Participants: **74**
- Net Promoter Score: **100%**



"The STEM Library Lab is a great resource for all teachers. There is a Free-Store where whatever you take does not need to be returned. If you are a teacher, you will not be disappointed and will likely feel like a kid in the candy store."

~ Monica N.

ABOUT

Growing on a successful reopening at the end of the 2021-2022 school year, the Teacher Free-Store saw a 6x increase in usage this school year! The Teacher Free-Store is entirely fueled by volunteers who sort and organize donations from individuals and local companies, retired teachers, and community members, repurposing them to teachers who put them to great use.

FAST FACTS

- Number of Teachers Served: **480**
- Number of Students Impacted: **18,000**
- \$ Value of Items Given Away: **\$40,512**



EdOpportunities Database

"I love that I don't have to waste time on Google trying to find opportunities. It's great having one place that I can go to and find what I need."

~ Kelly F.

ABOUT

A one-stop online resource, the EdOpportunities Database is a central location to search all that the Greater New Orleans region has to offer for teachers, students, and families. From nonprofits and businesses to museums and universities, we've gathered a diverse array of providers who offer a wide range of opportunities, including extracurricular programs, professional development, field trips, internships, grants, and more.

FAST FACTS

- Number of Providers: **109**
- Number of Educational Opportunities: **344**
- # of Cities Served: **21**



THANK YOU!

CONNECT WITH US:



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www.stemlibrarylab.org



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Metairie, LA 70002

GROW WITH US:



Support our capital campaign:
stemlibrarylab.org/campaign



Support our programming,
contact ED Todd W:
twackerman@stemlibrarylab.org