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Letter from the Executive Director

I am delighted to share with you our 2023 Impact Report, a testament to the collective efforts and shared labor that has shaped Tulsa Regional STEM Alliance into a force within our community.

We understand that the foundation of a robust STEM ecosystem lies in providing exceptional experiences both inside and outside the classroom. Whether through school programs, extracurricular activities, mentorship, or competitive settings, our commitment remains unwavering — to inspire and prepare all students for a STEM-enabled future.

The heart of our success lies in collaboration — with families, providers, educators, and partners. I find profound meaning in the concept of co-labor, an endeavor that allows us to shape possibilities for our youth. It’s this patient and persistent work, building block by building block, that brings about lasting change.

Reflecting on our roots in Oklahoma, where labor is encapsulated in the state motto “labor omnia vincit” — work conquers all — I am reminded that labor is not just about hard work; it is about shared work. It is about understanding each other and the environments in which our work unfolds.

If you’ll allow a small physics lesson to set up my metaphor... the measure of work ($W$) is a product of force ($F$) and displacement ($s$, change in location distance). Force is the product of mass ($m$) and acceleration ($a$, change in speed over time). To do work in the physical world, we have the formula, $W = F \cdot s = (m \cdot a) \cdot s$.

Tulsa Regional STEM Alliance stands as a collective force in our community, a testament to what can be achieved when we combine our efforts. Together, we possess mass (a sense of unity, belonging, and purpose), enabling us to accelerate change in access, opportunity, and quality within the STEM landscape. Our shared impact takes our community to new places, displacing us from where we once were to where we want to be. We are putting in the work ($W$) that matters in the community!

Our small and mighty team here at TRSA is fortified by the strength of our relationships and partnerships across our community. As you review our 2023 Impact Report, I trust you will notice the remarkable achievements our Alliance has made together. Every accomplishment is a result of our shared commitment to the labor that builds the STEM ecosystem, piece by piece.

Thank you for your unwavering dedication and hard work throughout 2023. Your contribution is invaluable as we continue constructing a STEM ecosystem that benefits all. I am grateful for your partnership and look forward to the continued success we will achieve together.

Levi Patrick
Executive Director
Impact at a Glance

Our Mission
Cultivate impactful partnerships and learning pathways that inspire and prepare all youth for a STEM-enabled future.

Our Vision
We envision a thriving, collaborative, and inclusive community powered by a STEM-capable ecosystem.

All Stacked Up
To achieve our bold and crucial mission, we must collaborate and convene with diverse community partners, including formal and informal education institutions, businesses, community organizations, and government. This collaborative effort, involving nearly 300 entities and over 400 volunteers, has been instrumental in achieving these goals.

Through 84 unique events and collaborations, we have empowered 939 educators with professional development and facilitated over 1,000 hours of mentoring through Me & My Math Mentor. The support from an exceptionally generous funding community has enabled us to grant over $300,000, directly benefiting schools and education nonprofits, and fostering accessible STEM experiences throughout Oklahoma, thereby shaping the future of education.

With a steadfast commitment to our strategic plan, we, as an Alliance, have delivered over 200,000 excellent STEM experiences while meeting 33% of our goals. Explore our the following pages to learn more about our initiatives and how we’re building belonging in STEM.
STEM is Everywhere

From Metro to Beyond: An View of our Collaborative Reach

Though our name bears 'Tulsa,' our impact stretches statewide. We engage classrooms and out-of-school programs and partner with diverse entities—businesses, communities, government, and tribes—to ensure every student gains access to stellar STEM experiences, preparing and inspiring them for the future. Notably, more than 1/3 of our collaborators are based outside of the Tulsa metro area.
### BUILDING BELONGING in Youth

Over the past year, we have empowered youth through engaging STEM competitions and mentoring, fostering a sense of belonging and nurturing a strong STEM identity.

Through hands-on challenges, we built a supportive, inclusive community. Our mentorship approach guided and inspired future scientists and engineers, resulting in a diverse cohort of young individuals excelling in STEM and empowering them to identify with the broader scientific community.

You can learn more about three of our largest and longest-running projects below, and our Me & My Math Mentor project on the following pages.

<table>
<thead>
<tr>
<th>PROJECTS</th>
<th>DETAILS</th>
<th>OUTCOME</th>
</tr>
</thead>
<tbody>
<tr>
<td>SeaPearch Competition</td>
<td>Underwater robotics competition for K-12 students</td>
<td>8 out of 16 of the participating teams hailed from rural public schools in Oklahoma and Arkansas.</td>
</tr>
<tr>
<td>Sonia Kovalevsky Day</td>
<td>Women in STEM event focused on math &amp; STEM identity</td>
<td>Based on pre- and post-surveys, participants interested in pursuing a STEM career increased from 28.4% to 57.8%.</td>
</tr>
<tr>
<td>Siegfried Space Week</td>
<td>Field trips and community events with an astronaut</td>
<td>Student perceptions of confidence and STEM identity (believing they are a STEM person) increased by 23 percentage points.</td>
</tr>
</tbody>
</table>
PROJECTS
9,245
youth engaged through TRSA-hosted family nights, competitions, and college and career readiness projects

MENTORSHIP
2,125
youth engaged in mentorship projects with caring adults working on STEM skills and social-emotional development

OUTREACH
5,738
estimated youth reached through community events and partner projects

STEM IN A BAG
15,855
student experiences through STEM kits distributed to families, classrooms, and out-of-school time groups

resulting in more than 32,963 student experiences
Project Spotlight: Me & My Math Mentor

Me & My Math Mentor, a mathematics tutoring project, instills joy and a sense of mathematical confidence in 3rd-grade students in Tulsa and Union Public Schools.

This initiative not only enhances math skills but also cultivates a strong sense of belonging in STEM through meaningful interactions with adult mentors. By prioritizing hands-on activities and play, students reinforce skills learned in the classroom, promoting academic achievement and a sustained interest in STEM.

Overall, student self-perceptions about STEM abilities increased by 21%, and their overall sense of joy while participating in STEM experiences increased by 25%!

Building STEM engagement & identity

With a sample size of 249, this data, collected through pre- and post-program surveys during the 22-23 academic year, highlights the significant positive influence of our program on students’ perception and enthusiasm for STEM.
Partner Spotlight: KOCH Engineered Solutions

For over two years, Koch Engineered Solutions (KES) has forged a remarkable partnership with Ellen Ochoa Elementary School. This collaboration, initiated by KES partnering with our Me & My Math Mentor program, has been instrumental in enriching the school’s STEM initiatives and fostering impactful student experiences.

By providing financial support, mentorship opportunities, and access to advanced technologies, KES has ignited an enthusiasm for STEM education, empowering students to excel not only in their mathematical pursuits but also in life.

Advancing to Nationals:
Team Circuit Breakers, Memorial Middle School

Embracing the competitive spirit of STEM, Memorial Middle School’s SeaPerch underwater robotics teams — Circuit Breakers 1 & 2, under the dedicated guidance of Coach Abrahm Kamara — triumph regionally, securing top spots and advancing to international competitions. Their journey epitomizes dedication, innovation, and resilience, inspiring future STEM leaders. Coach Kamara’s approach fosters hands-on learning and empowers students to take ownership of their projects. Their success underscores the transformative impact of STEM engagement, motivating students to pursue engineering careers and tackle real-world challenges.
Elevating STEM education through tailored professional development, curriculum, and resources enhances educator confidence while cultivating a profound sense of belonging.

Our offerings not only boost competence but also cultivate an empowered, connected community raising teaching standards while fostering inclusivity. Along with strategic grants and support, we saved schools and organizations over $500,000 in 2023; allowing funds to be reallocated toward enhancing STEM programs and expanding educational opportunities.

You can learn more about some of our most impactful educator opportunities below.

<table>
<thead>
<tr>
<th>PROJECTS</th>
<th>DETAILS</th>
<th>OUTCOME</th>
</tr>
</thead>
<tbody>
<tr>
<td>OpenSciEd Elementary Field Test</td>
<td>Statewide development of free, high-quality elementary science curriculum</td>
<td>100% agreed it facilitated addressing local phenomena and connecting with student identities, experiences, backgrounds, and interests.</td>
</tr>
<tr>
<td>SENSEsational Science PD</td>
<td>K-12 teachers engage in hands-on science lesson exploration with community partners</td>
<td>The percentage of confident STEM teachers rose from 18.6% to 65.1% after the program.</td>
</tr>
<tr>
<td>Exponential Growth Math PD</td>
<td>Year-long, growth mindset approach to mathematics for teachers and coordinators</td>
<td>The percentage of confident STEM teachers rose from 4.7% to 58.1% after the program.</td>
</tr>
</tbody>
</table>
44 unique professional development experiences

444 hours of professional learning opportunities

939 formal and informal educators from across the state

6,201 hours of hands-on learning for educators

90,900 Student experiences
Reese Hundley, acclaimed as the STEM Educator of the Year, embodies excellence in fostering a sense of belonging within his classroom at Vanguard Academy in Broken Arrow. Through his innovative programs, Reese empowers students by engaging them as problem-solving consultants, facilitating connections with community partners, and introducing Outdoor Primitive Skills to promote holistic growth and development. His transformative teaching methods, which have garnered prestigious awards, reflect his unwavering dedication to cultivating an inclusive and inspiring educational environment where every student feels valued and empowered to succeed.

Partner Spotlight: NASA Oklahoma Space Grant Consortium

Led by Dorinda Risenhoover, the NASA Oklahoma Space Grant Consortium’s STEM Engagement Center (OKSG SEC) pioneers STEM belonging with innovative programs and outreach. By connecting educators with NASA resources like curriculum materials and professional development, the OKSG SEC empowers them to inspire future STEM leaders. It also prioritizes amplifying underrepresented voices in STEM, fostering inclusivity. The OKSG SEC drives STEM equity through strategic partnerships and initiatives, hosting workshops and highlighting diverse role models to create a more inclusive STEM community.
The STEM Shoppe Learning Series transforms STEM education by providing educators with confidence and competence. As a lending library of tools and equipment, the STEM Shoppe removes financial barriers for schools, making these resources accessible to classrooms and out-of-school time groups.

The monthly professional development series introduces teachers to effective methods of using and integrating STEM tools into their curriculum. Themes like robotics and flight ensure relevance for educators of all grades and experience levels, fostering a collaborative and inclusive learning environment. This practical guidance not only saves resources but also establishes a strong foundation, empowering educators to navigate and excel in STEM education with confidence.

### STEM Shoppe Kit Utilization

- Robotics: 65
- Math: 16
- Physical Science: 11
- Engineering: 46
- Life Science: 39
- Earth & Space: 31

### STEM SHOPPE IMPACT

- 56 Schools & organizations
- $249K in savings for our partners
- 208 Instructional kits checked out
- 21,266 Student experiences
We champion inclusivity in STEM across the community.

Through collaborative efforts at events and partner gatherings, families, businesses, industry leaders, and educators join forces to enrich STEM experiences.

Our family engagement programs actively engage parents and guardians, fostering a supportive learning environment that empowers youth for a STEM-driven future.

Together, we cultivate a community where every young mind feels valued and sees their potential in the dynamic world of STEM.

Explore examples of our community engagement and collective impact work below and on the following pages.

<table>
<thead>
<tr>
<th>PROJECTS</th>
<th>DETAILS</th>
<th>OUTCOME</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEM in Motion</td>
<td>Quarterly all-partner convenings to collaborate and calibrate across the ecosystem</td>
<td>Convened 93 individuals state-wide, representing 63 organizations.</td>
</tr>
<tr>
<td>North &amp; Central STEM Hubs</td>
<td>Coalitions of localized support for historically marginalized communities</td>
<td>Convened 14 partners and powered 6 family STEM nights.</td>
</tr>
<tr>
<td>Volunteers</td>
<td>Engage STEM professionals in impactful volunteer and mentorship roles</td>
<td>Engaged 427 individuals in 1,415.5 hours of service.</td>
</tr>
</tbody>
</table>
GRANTS

Funding awarded to schools and organizations to remove barriers and ensure access to excellent STEM experiences across Oklahoma.

$320,267

73

43

awarded

Grants

Education and community partners

resulting in 62,310 student experiences

Curriculum & Resources — 24
Out-of-School Time — 22
Competitions — 19
Mentorship — 3
Professional Development — 4
Family & Community — 1
The year 2023 marked a strong start in building MOMENTUM in the areas of digital badges, program evaluation, and professional learning for out-of-school time providers. We launched the first cohort of partners to lay the foundation for an equitable digital badge system with the goal of outlining STEM learning pathways for students and families. Partners also took a deep dive into understanding the impact of their programs through the Partnerships in Education and Resilience (PEAR) data analysis reports while learning and growing together through professional learning experiences.
Partner Spotlight:
Outdoor Classroom

The award-winning Outdoor Classroom is a hands-on, youth outreach initiative for nature-based STEM for 5th and 6th graders. Since its inception in 2015, it has partnered with TRSA to deliver outstanding experiences for students. Concentrating on Tulsa’s socio-economically challenged communities, its distinctive method prioritizes inclusivity, ensuring thriving opportunities for individuals with diverse learning needs.

Through collaborations with TRSA, such as SENSESational Science and the MOMENTUM digital badge project, they are actively shaping the landscape of STEM education.

Beyond 100k

An important new collaboration supporting our mission involves Beyond100K, a coalition committed to addressing the STEM teacher shortage by 2043. Our partnership is rooted in a shared mission to create belonging and inclusivity within the STEM community.

Together, we co-develop and implement solutions, actively learning from and sharing insights with partners across the nation. Beyond100K emphasizes the importance of inclusivity in solving global challenges, recognizing teachers’ crucial role in cultivating a sense of belonging for the next generation of STEM leaders.
A special thanks to our valued partners and collaborators who have played a vital role in enriching STEM learning experiences through our programs and services! Your dedication to fostering education and innovation has been instrumental, and we look forward to continuing this collaborative journey toward building a more inclusive and vibrant STEM community.

**Education Partners**

- All Saints Catholic School
- Beggs Public Schools
- Berryhill Public Schools
- Berryville Public Schools
- Bethany Public Schools
- Bits N’ Bytes Cybersecurity Education
- Bixby Public Schools (2)
  - Bixby Central Intermediate
  - Bixby Middle School
- Boise City Public Schools
- Bristow Public Schools
- Broken Arrow Public Schools (8)
  - Arrowhead Elementary School
  - Broken Arrow Freshman Academy
  - Broken Arrow High School
  - Country Lane Intermediate School
  - Ernest Childers Middle School
  - Oneta Ridge Middle School
  - Timber Ridge Elementary
- Bixby Central Intermediate
- Bixby Middle School
- Broken Arrow Public Schools
- Broken Arrow High School
- Bixby Central Intermediate
- Bixby Middle School
- Broken Arrow Public Schools
- Broken Arrow Freshman Academy
- Broken Arrow High School
- Country Lane Intermediate School
- Ernest Childers Middle School
- Oneta Ridge Middle School
- Timber Ridge Elementary
- Vanguard Academy
- Caney Valley Public Schools
- Catoosa Public Schools
- Checotah Public Schools
- Childrens
- Choctaw-Nicoma Park Schools
- Chouteau-Mazie Public Schools
- Claremore Public Schools
- Cleveland Public Schools
- Code Ninjas Tulsa
- Code.org
- College Bound Academy
- Collinsville Public Schools (1)
  - Collinsville Middle School
- Computer Science Teachers Association
- Computer Science Teachers Association – Oklahoma Chapter
- Coweta Public Schools
- CSforALL
- Cushing Public Schools
- Deer Creek School District
- Dewey Public Schools
- Discovery Lab
- Dove Schools (2)
  - Dove Schools of Discovery
  - Dove Virtual Academy
- Drexel Academy
- Drumright Public Schools
- Early Learning Works
- Edmond Public Schools
- Education for Scholars
- Ellipse Education
- Engage Learning
- Evergreen Academy
- Fab Lab Tulsa
- Fair Grove Public Schools
- Faith & Friends Co-op
- FIRST in Oklahoma
- Fort Gibson Public Schools
- Frontier Public Schools
- Gaining Ground
- Gienpo Public Schools
- Global Gardens
- Grove Public Schools
- Harrah Public Schools
- Haskell Public Schools
- Holberton School Tulsa
- Inola Public Schools
- Iola Public Schools
- Jenks Public Schools (4)
  - Jenks East Elementary
  - Jenks East Intermediate
  - Jenks High School
  - Jenks West Elementary
- Junior Achievement of Oklahoma
- Kellyville Public Schools
- Kendall–Whittier Library
- Keystone Public Schools
- Kiefer Public Schools (1)
  - Kiefer Elementary School
- Kingfisher Public Schools
- Langston University – Tulsa
- Liberty Public Schools (2)
  - Liberty Elementary
  - Liberty STEM Academy
- Lincoln Christian School
- Litespeed Airshow
- Locust Grove Public Schools (1)
  - Locust Grove Upper Elementary
- Lone Grove Public Schools
- Lone Star Public School
- Mannford Public Schools
- Microbit Educational Foundation
- Mid-Del School District
- Milligan Girls Moonshot
- Mingo Valley Christian
- Monte Cassino School
- Moore Public Schools
- Morrison Public Schools (1)
  - Morrison High School
- Mounds Public Schools (1)
  - Mounds Middle School
- Mountainburg (AR) Public Schools
- Muskogee Public Schools
- Mustang Public Schools
- NASA Oklahoma Space Grant Consortium
- Oilton Public Schools
- OK-INBRE
- Oklahoma Aquarium
- Oklahoma Association for the Deaf
- Oklahoma City Public Schools
- Oklahoma Energy Resource Board
- Oklahoma Partnership for Expanded Learning
- Oklahoma Public School Resource Center
- Oklahoma State University
- Oklahoma State University – Center for Health Sciences
- Oklahoma State University – Institute of Technology
- Oklahoma Union Public Schools (1)
  - Oklahoma Union Elementary
- Olive Public Schools
- OpenSciEd
- Outdoor Classroom
- Owasso Public Schools
- Pawnee Public Schools
- Perry Public Schools (1)
  - Perry Upper Elementary School
- Philosophy Academy
- Porter Consolidated Schools
- Pretty Water Public School
- Primitive Solutions LLC
- Pryor Public Schools
- Putnam City Public Schools
- Rejoice Christian High School
- Rogers State University
- San Miguel School of Tulsa
- Sand Springs Public Schools (3)
  - Charles Page High School
  - Clyde Boyd Middle School
  - Limestone Technology Academy
- Sapulpa Public Schools
- Sequoyah Public Schools (1)
  - Sequoyah Elementary
- Sharon–Mutual Public Schools (1)
  - Sharon–Mutual High School
- Space for Us
- Spartan College of Aeronautics and Technology
- Sperry Public Schools
- Stillwater Public Schools
- Stonewall Public Schools
- Summit Christian Academy
- The Opportunity Project
- The University of Tulsa
- Thunder Fellows
- Timberlake Public Schools
- Town & Country School
We thank you for your ongoing support!

- Tri-County Tech
- Trojan Aquatic Center (Jenks)
- Tulsa Air & Space Museum
- Tulsa Classroom Teachers Association
- Tulsa Community College
- Tulsa Glassblowing School
- Tulsa Higher Education Consortium
- Tulsa Homeschool Academy
- Tulsa Legacy Charter School
- Tulsa Public Schools (27)
  - Anderson Elementary
  - Booker T. Washington High School
  - Burroughs Elementary
  - Carnegie Elementary
  - Celia Clinton Elementary School
  - Centennial Middle School
  - Cooper Elementary
  - Council Oak Elementary
  - Emerson Elementary School
  - Eugene Field Elementary
  - Felicitas Mendez Elementary School
  - Hawthorne Elementary
  - John Hope Franklin Elementary
  - Lanier Elementary School
  - Lewis & Clark Elementary School
  - Lindbergh Elementary
  - Memorial Middle School
  - McClure Elementary School
  - McKinley Elementary
  - Monroe Demonstration Academy
  - North Star Academy
  - Owen Elementary
  - Robertson Elementary
  - Salk Elementary
  - Springdale Elementary School
  - Will Rogers Junior High School
  - Zarrow International School
- Tulsa School of Arts and Sciences
- Tulsa Technology Center
- Tulsa YouthWorks
- Tulsa Zoo
- Union Public Schools (8)
  - Boevers Elementary
  - Cedar Ridge Elementary
  - Darnaby Elementary
  - Ellen Ochoa Elementary
  - Marshall T. Moore Elementary
  - McAuliffe Elementary
  - Rosa Parks Elementary
  - Union 8th Grade Center
- Up With Trees
- Urban Coders Guild
- USA BMX Foundation
- Verdigris Public Schools
- Victory Christian School
- Wagoner Public Schools
- Wellston Public Schools
- Western Oklahoma State College
- Westville Public Schools

**Government & Tribal Nation Partners**
- City of Tulsa
- Oklahoma Aeronautics Commission
- Oklahoma Forestry Services
- Oklahoma State Department of Education
- Oklahoma State Regents for Higher Education
- Osage Nation
- STARBASE Oklahoma

**Workforce**
- AAON
- American Airlines
- Ascension St. John
- Bank of Oklahoma
- Blue Cross and Blue Shield of Oklahoma
- Cattera Energy
- Cox Media Group
- Fiber Pad, Inc.
- Garver
- Google – Mayes County Data Center
- Green Acorn LLC
- Greenheck Group
- Gulfstream
- John Zink Hamworthy Combustion
- Koch Engineered Solutions (KES)
- MidAmerica Industrial Park
- NORDAM
- Oklahoma Central Credit Union
- ONE Gas
- ONEOK
- PMI Tulsa
- QuikTrip
- SLB (formerly Schlumberger)
- Spirit AeroSystems
- T.D. Williamson
- Ten-Nine Technologies
- Tulsa Airports Improvement Trust (TAIT) Employee Charitable Giving
- Tulsa Innovation Labs
- TulsaPorts
- Williams

**Community Partners**
- Assistance League of Tulsa
- Battle Creek Church
- Black Tech Street
- Boy Scouts of America, Indian Nations Council
- City Year Tulsa
- Food on the Move
- Foundation for Tulsa Schools
- Freedom Hill Baptist Church
- Gathering Place
- Gilcrease Museum
- Girl Scouts of Eastern Oklahoma
- Met Cares Foundation
- National Charity League, Greater Tulsa
- Oklahoma Engineering Foundation
- Oklahoma Geological Survey
- Oklahoma Manufacturing Alliance
- Oklahoma Society of Professional Engineers
- Partnerships in Education & Resilience (PEAR)
- Philbrook Museum of Art
- Prime Movers – FRC Team 31
- Reed Community Foundation/Ben Hill Community Center
- Rudisill Regional Library
- Salvation Army North Mabee Boys & Girls Club
- Society of American Military Engineers (SAME)
- Spot 31 Inc
- Suburban Acres Library
- Technology Student Association (TSA)
- The Metropolitan Environmental Trust
- The Oxley Foundation
- The Stemcell Science Shop
- The Tech Village
- Tulsa Botanic Gardens
- Tulsa City-County Library
- Tulsa County 4-H
- Tulsa County Parks
- Tulsa Dream Center
- Tulsa Drillers
- Tulsa Engineering Foundation
- Tulsa Opera
- Tulsa Symphony Orchestra
- YMCA
- Young People of the Next Generation Inc.
- Youth at Heart
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American Institutes for Research

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Tulsa Public Schools

Paulina Baeza  
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Black Tech Street

Caitlin Crane  
ONEOK

Conor Godfrey  
Tulsa Innovation Labs

Garrison Haning  
Magellan Midstream

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Williams

Rachel James  
Greenheck Group

Angela Kouplen  
University of Tulsa

Yas Nakayama  
QuikTrip

Lucia Oberle  
Daniel Properties, LLC

Lisa Schwarz  
OERB

Kulsum Siddiqui  
Union Public Schools

Ray Vandiver, PhD  
Discovery Lab

Xavier Villarreal  
Hillcrest Medical Center

Stephani Wagoner  
HoganTaylor

Joshua Walton  
Schusterman Philanthropies

Travis White, PhD  
Tulsa Community College

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Executive Director

Emily Mortimer, PhD  
VP of Ecosystems

Lynn Staggs  
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Kristen Schooley  
Development Director

Jensen Bloom  
Communications Coordinator

Rachel Christy  
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Melissa Cobb  
Program Manager

Tangela Ekhoff  
Program Manager

Christie Little  
Accountant

Kristen Tanner  
Lead Program Manager

Abigail Vensel  
Program Manager

Jaime Walton  
Community Engagement Manager
We are grateful to all our sponsors for their pivotal role in powering our mission. Your financial contributions are the driving force behind our impactful initiatives.

**HEROES**

**CHAMPIONS**

**ADVOCATES**

**ALLIES**

**FRIENDS**

AAON
Ed Darby Foundation

Kinder Morgan Foundation
Million Girls Moonshot

Oklahoma Center for Nonprofits
ONEOK

Oxley Foundation
T.D. Williamson
Financials

STATEMENT OF ACTIVITIES

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2022</th>
<th>2023*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REVENUE</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Corp/Business Contributions</td>
<td>154,913</td>
<td>1,926,781</td>
<td>1,630,897</td>
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<tr>
<td>Individual Contributions</td>
<td>10,889</td>
<td>31,637</td>
<td>15,121</td>
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<tr>
<td>Grants</td>
<td>1,061,774</td>
<td>316,920</td>
<td>993,705</td>
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<tr>
<td>Other Revenue</td>
<td>524</td>
<td>15,663</td>
<td>35,629</td>
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<tr>
<td><strong>Total Revenue</strong></td>
<td>1,228,080</td>
<td>2,291,001</td>
<td>2,675,352</td>
</tr>
<tr>
<td><strong>PROGRAM EXPENSES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mentoring</td>
<td>150,722</td>
<td>114,259</td>
<td>253,792</td>
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<tr>
<td>Competitions</td>
<td>68,193</td>
<td>54,177</td>
<td>114,377</td>
</tr>
<tr>
<td>Out of School Time</td>
<td>150,123</td>
<td>212,809</td>
<td>133,374</td>
</tr>
<tr>
<td>Curriculum &amp; Resources</td>
<td>99,102</td>
<td>73,845</td>
<td>188,360</td>
</tr>
<tr>
<td>Professional Development</td>
<td>209,113</td>
<td>410,114</td>
<td>174,012</td>
</tr>
<tr>
<td>Family &amp; Community</td>
<td>33,809</td>
<td>41,629</td>
<td>94,420</td>
</tr>
<tr>
<td>Stem Ecosystem</td>
<td>148,082</td>
<td>182,196</td>
<td>293,347</td>
</tr>
<tr>
<td>General Program</td>
<td>-</td>
<td>173,628</td>
<td>186,793</td>
</tr>
<tr>
<td><strong>Total Program Expenses</strong></td>
<td>859,144</td>
<td>1,262,657</td>
<td>1,438,475</td>
</tr>
<tr>
<td><strong>SUPPORTING SERVICES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management &amp; General</td>
<td>256,195</td>
<td>444,433</td>
<td>414,471</td>
</tr>
<tr>
<td>Fund Development</td>
<td>75,999</td>
<td>430,997</td>
<td>622,044</td>
</tr>
<tr>
<td><strong>Total Supporting Services</strong></td>
<td>332,194</td>
<td>875,430</td>
<td>1,036,515</td>
</tr>
</tbody>
</table>

FINANCIAL POSITION

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2022</th>
<th>2023*</th>
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<tbody>
<tr>
<td><strong>ASSETS</strong></td>
<td></td>
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</tr>
<tr>
<td>Checking &amp; Savings</td>
<td>728,020</td>
<td>940,618</td>
<td>558,606</td>
</tr>
<tr>
<td>Pledges Receivable</td>
<td>95,749</td>
<td>112,710</td>
<td>530,621</td>
</tr>
<tr>
<td>Property &amp; Equipment, Net</td>
<td>21,890</td>
<td>298,052</td>
<td>255,791</td>
</tr>
<tr>
<td>Other Assets</td>
<td>30,091</td>
<td>316,984</td>
<td>308,676</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td>875,750</td>
<td>1,668,364</td>
<td>1,653,694</td>
</tr>
<tr>
<td><strong>LIABILITIES &amp; NET ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit Cards</td>
<td>11,532</td>
<td>19,847</td>
<td>7,742</td>
</tr>
<tr>
<td>Other Liabilities</td>
<td>44,060</td>
<td>675,445</td>
<td>472,517</td>
</tr>
<tr>
<td>Net Assets With Donor Restrictions</td>
<td>549,829</td>
<td>385,847</td>
<td>586,210</td>
</tr>
<tr>
<td>Net Assets W/Out Donor Restrictions</td>
<td>270,329</td>
<td>587,225</td>
<td>587,225</td>
</tr>
<tr>
<td><strong>Total Liabilities &amp; Net Assets</strong></td>
<td>875,750</td>
<td>1,668,364</td>
<td>1,653,694</td>
</tr>
</tbody>
</table>

*Not yet audited
Strategic Plan Updates

Since early 2022, we have been making progress toward realizing our five-year strategic plan, which included 109 initiatives designed to ensure the thriving of our STEM ecosystem and the operational maturity of our organization.

As of 2023, we have completed 23 initiatives and are actively working on 46 more! Check out the number of initiatives that have been completed or are in progress by goal below.

Strategic Priority 1: The STEM Ecosystem is Thriving

Youth
Youth are surrounded by resources, opportunities, and encouragement that excite them about STEM and propel them forward.

Families
Families value STEM education and choose to engage with TRSA to meet the needs of their students.

Educators
Educators are confident in facilitating STEM experiences in order to drive student success and see TRSA as a trusted source for evidence-based resources and pathways to inspire and prepare students.

Ecosystem Partners
STEM Ecosystem Partners value their membership because it strengthens and amplifies their work and that of the Alliance.

Strategic Priority 2: TRSA is Operationally Mature

Staff
We are fully-staffed with little to no turnover, have opportunities for growth and development, and collaborate across our diverse strengths in a safe environment so we all feel welcome.

Board
Our Board represents the community it serves, engages and enables TRSA’s staff in its mission, and has a sustainable membership pipeline.

Finance & Development
TRSA has a secure and sustainable financial outlook supported by robust and diverse revenue streams.

Operations
As a team, we can grow our organization and its impact with consistency and confidence in our processes because we understand our responsibilities, know who is running with what, and meet our commitments mutually.
Tulsa Regional
STEM Alliance

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(918) 779-4910

TulsaSTEM.org