Science Fair Fun
Leveling the tech & engineering playing field.

2018/2019 FY
ANNUAL REPORT
Science Fair Fun believes in the power of equity in K-12 Science, Technology, Engineering & Math (STEM) education to address opportunity & achievement gaps across disciplines. We use inclusive and skills-based Science & Engineering Fairs as our platform to inspire and empower underserved students to become STEM leaders and innovators.

By engaging in our programs, underserved students develop leadership and STEM skills that open the doors to contributing to a more diverse, equitable and inclusive STEM workforce. We partner with public schools serving low-income communities to provide support, resources and opportunities that enable students to succeed in STEM regardless of the amount of support they receive at home. Science Fair Fun (SFF) is a recently-established, Denver Metro-based non-profit organization built on innovative, fully-scalable, online programming.

The SFF board and staff are grateful for the generous volunteers, partners, and sponsors who support and advance our work to address inequities in STEM education opportunities which exasperate gaps in student achievement and workforce representation.

Join us in creating opportunities for underserved populations so they too can know, “Hey, I can do STEM!”

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Founder + Executive Director
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2025 Vision

We use Science & Engineering Fairs to close STEM achievement and poverty gaps by inspiring and empowering students to develop leadership and STEM skills so they know, “Hey, I can do this!”

Equal representation of girls & minorities in Science & Engineering Fairs

Nationwide opportunities for 1M girls and minorities to develop leadership & STEM skills

Sustainable programming expected together with corporate sponsorship & engagement

STEM = Science, Technology, Engineering & Math
Our Potential Reach

- > 60,000 qualifying US public schools serving low-income communities
  - 21 M qualifying public school students
    - 8.6 M girls & 6.5 M minorities not participating in Science Fairs annually

How we do it

Science Fair Fun is the first and only nonprofit to fill this need through donated, fully-scalable programming, and we tackle it from every angle.

We offer a proven fully-scalable school Science & Engineering Fair support system, using the latest in online technology to effectively and efficiently support the whole-school.

We are the first nonprofit to support schools from every angle – from teachers, students, fair organizers and judges - to create more inclusive and skills-based Science & Engineering Fairs.

The innovative curricula we use focuses on the process of science and engineering, as opposed to content. It fosters higher order leadership skills-development, while aligning with Next Generation Science Standards NGSS and cross-cutting ELA and Math.

The programs we offer are inclusive of different support levels, learning styles and interests as opposed to just focusing on “The” Scientific Method, which is not the only method for doing science, nor a method that lower grade levels grasp or a method used by engineers.
IMPLEMENT Science Fair Fun

Program Goal: Lay the foundation for inclusive and skills-based Science & Engineering Fair experiences and create new opportunities for elementary and middle school students to participate and have positive leadership and STEM experiences.

School fair organizers get resources and weekly personalized support and all necessary communication pieces to organize and implement an inclusive and skills-based Science & Engineering Fair.

Served 2018/19 AY

46 Schools

4,500 Students*

*Students include student participants, student volunteers, and student leaders.
Program Goal: Level the Science & Engineering Fair playing field by bringing the students’ support structure into the classroom, rather than at-home, so that all students get the same foundation for support.

Qualifying teachers on our waitlist get free Make Science Fair Fun® In-class Project Kits:

1. Teacher lesson plans, printed
2. Student lessons, printed
3. Assessments, printed
4. Student project materials

Served 2018/19 AY

2 Schools
4 Teachers
150 Students*
CONNECT Science Fair Fun

**Program Goal:** Inform and empower educators and parents so they can effectively support STEM-underrepresented students through free online resources focused on information about pressing challenges and best practice solutions in STEM education.

Through our innovative blogs, newsletters and strategic social media posts, we engage subscribed educators, parents and mentors in topics around the challenges in our current educational system and in strategic STEM news, how-to tips and fun student activities.

**Served 2018/19 AY**

- **2,412 Educators & Parents**
- 98% Women
- > 80,000 reached
Colorado Goals

In Colorado, create opportunities for the 210,000 girls and 126,000 minorities from low-income communities to develop the skills needed to achieve engineering and technology success, through an inclusive and skills-based Science & Engineering Fair.

336 k
Missed opportunities for girls & minorities

In Denver there is a 42% achievement gap between poor students and their more affluent peers in basic 3rd & 4th grade math and reading proficiency, one of the largest gaps in the United States.

- NAEP 2017, 4th Grade Math/Reading Scores by Geography
2018-2019 Fiscal Year Financial Overview

**REVENUE**

- **$25,120**
  - Corporate Contributions: 81%
  - Donors: 9%
  - Earned Income: 6%
  - Grant: 4%

**EXPENSES**

- **$32,269**
  - Operations: 43%
  - Program Development: 33%
  - Program Operations: 22%
  - Development: 2%
Founding Board of Directors

Wendy Wempe, PhD  
Executive Director + Founder  
Science Fair Fun

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STEM Magnet Lab School

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Membership Representative  
Denver Metro Chamber of Commerce

Angeles Ortega, MBA  
Director of Advancement  
Denver Museum of Nature and Science

“I’m going to be an engineer when I grow up.”
Join us!

Give all children the **opportunity** to become leaders and innovators and know, “Hey, I can do STEM!”