

# 2024 ANNUAL REPORT



**BUILDING  
THE FUTURE  
STEM  
WORKFORCE**

[www.chemed.org](http://www.chemed.org)



# A MESSAGE OF THANKS



2024 was a momentous year for CEF as we celebrated the 20th Anniversary of the *You Be The Chemist* Challenge®. Over the past two decades, our Challenge program has ignited a passion for STEM in more than 500,000 students, awarded more than a quarter million dollars in scholarships, and engaged more than 10,000 industry volunteers.

As STEM education has evolved, so has the Challenge. Today's STEM careers are incredibly diverse, and the Challenge remains essential in inspiring and preparing young people for these opportunities. Our results speak volumes with **100% of our Challenge winners pursuing STEM after high school.**

One appreciative parent shared, "My daughter is from a rural community with limited opportunities, so this Challenge opened up doors. I am not sure she would be a chemical engineer without the Challenge." These stories exemplify the profound impact we have on young lives.

These are the future leaders of the STEM industry, and we could not support them without the investment of our donors and volunteers, who recognize the importance of our work and support our students and teachers. We extend our gratitude and heartfelt thanks to these companies and individuals!

I am incredibly proud of CEF's accomplishments in 2024 and look forward to continuing our work to inspire students, strengthen communities, and build the future STEM workforce.

**Robert Moser, Jr.**

**President of the CEF Board of Trustees**

*Vice President of Corporate Relations and Government Affairs,  
Brenntag North America, Inc*



## Two Decades of Challenge Impact

500,000

more than  
half a million  
students

\$250,000

more than  
a quarter million  
dollars awarded

10,000

more than  
10,000  
volunteers

## 2024 PROGRAM IMPACT

# 475,000

Students reached through lessons, professional development workshops, and student competitions

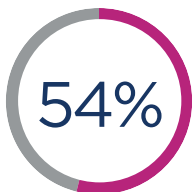
## THE CHALLENGE

The Challenge is a team-based competition for grades 5-8 that builds interest and excitement among students to continue science and STEM-related education.

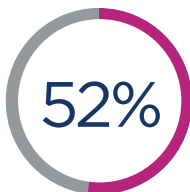
Student teams collaborate to understand sustainability questions and community-based solutions. The Challenge incorporates essential skills such as critical thinking, effective communication, entrepreneurship, and problem-solving.

# 17,000

Students Participated Across North America



Economically Disadvantaged



Female Students



# INVEST & EMPLOY



Industry investment through donations and volunteers increases student access to science programs and helps raise awareness of the range and variety of STEM careers.

CEF ignites a passion for STEM and science education that continues through high school, skilled training, college, and into the workforce.



# TEACHER RESOURCES



Thanks to the generosity of our donors, CEF's programs and resources are offered for FREE to students and teachers.

CEF's Essential Elements is a research-based toolkit for educators, consisting of professional development workshops, webinars, and videos that build skills and confidence in teaching hands-on science.

CEF's Activity Guides are educator friendly, hands-on, inquiry-based science lessons that use inexpensive household items to teach science anywhere!

# 14,500

Teachers Impacted

*Thank You!*

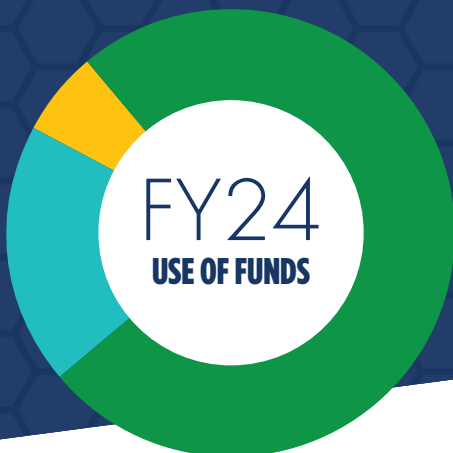




# FINANCIALS

For a full list of donors, visit [www.chemed.org/donors](http://www.chemed.org/donors).

- **Program & Communications**  
**75%**
- **Operating & Governance**  
**19%**
- **Fundraising**  
**6%**



The Chemical Educational Foundation is a not-for-profit 501(c)(3) charitable entity. Our financial position remained strong in 2024 thanks to our committed donors and sponsors.

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