



## **2018 ANNUAL REPORT**

**BUILDING A BETTER WORLD THROUGH THE SCIENCE OF CHEMISTRY**

## A MESSAGE FROM OUR EXECUTIVE DIRECTOR



In 2018, the Chemical Educational Foundation\* (CEF) continued to prepare tomorrow's STEM workforce, working to inspire students, engage educators, and strengthen communities to build a better world through the science of chemistry. CEF was on the frontlines all year long — training teachers and volunteers, connecting industry employees with K-8 classes, and bringing the excitement of chemistry to students through our *You Be The Chemist*\* programs.

Inspiring students to explore chemistry and careers in science early on is key to closing the STEM jobs gap. This year, CEF continued to connect businesses and employees with local schools, creating direct, sustained relationships with students — showing students that a career in STEM is not only possible, but a real opportunity in their own community.

Thank you to all of our community volunteers, educators, and supporters — your hard work and commitment help us bring chemistry to life in classrooms across the country. I look forward to continuing this important work in the new year.

A handwritten signature in white ink that reads "Dwayne Sattler". The signature is fluid and cursive.

**Dwayne Sattler**  
*Executive Director*



## OUR MISSION

To build the excitement and value of chemistry and STEM careers with K-8 students through accessible science programs and hands-on experiences.

# OUR STRATEGIES AND IMPACT



Inspiring students early in life to pursue science and chemistry in study and careers.

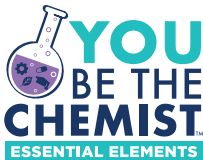


Engaging educators to build their confidence in teaching hands-on science.



Strengthening communities by connecting students and educators with volunteers from science industries.



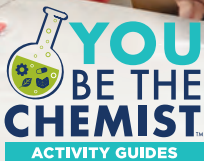


Professional development workshops that build educator confidence in teaching science.

## CEF IMPACT

Participating educators report increased confidence in teaching science, frequency of leading hands-on learning in the classroom, and student enjoyment during science instruction.

➔ **1,800**  
educators served



More than 50 hands-on science activities that use common, inexpensive items to bring more interactive science instruction to classrooms and raise educator confidence in teaching science.

➔ **600,000**

**K-8 students engaged through Activity Guides**

## CEF IMPACT

Activity Guides were released in their fifth edition, for free, with more accessible content for students and teachers that aligns with science education standards.



Celebrates and elevates  
the science of chemistry  
to inspire students  
through local, state, and  
national competitions.

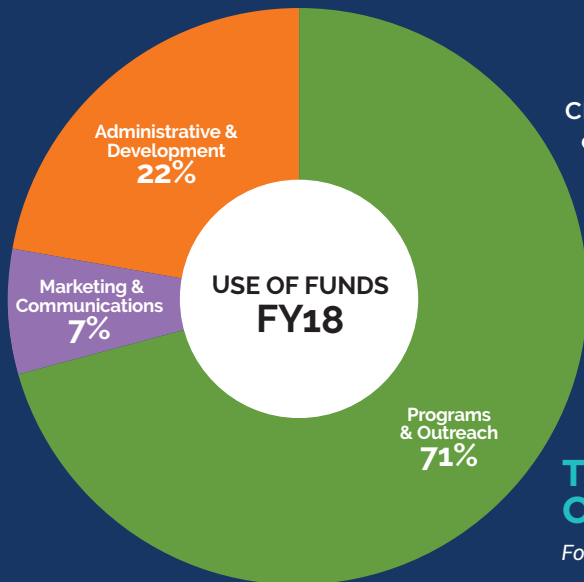
## CEF IMPACT

Student participants report  
increased awareness of  
chemistry's role in everyday  
life, increased interest in  
STEM careers, and a boost in  
confidence in their ability  
to understand  
chemistry.

➡ **48,000**

**students participated from 592 schools in 42 U.S. states and territories**

## 2018 FINANCIALS



CEF is a not-for-profit 501(c)(3) charitable entity. Our financial position remained strong in 2018 thanks to a network of committed donors and sponsors. In 2018, 78% of CEF's total expenses were used for the development and implementation of the *You Be The Chemist* programs.

**THANK YOU TO  
OUR CONTRIBUTORS**

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

1989-2019

# *30th Anniversary Spotlight*



Inspiring students, engaging educators, and strengthening communities  
to build a better world through the science of chemistry.

Learn more at [www.chemed.org](http://www.chemed.org)