

## CEF GOES VIRTUAL

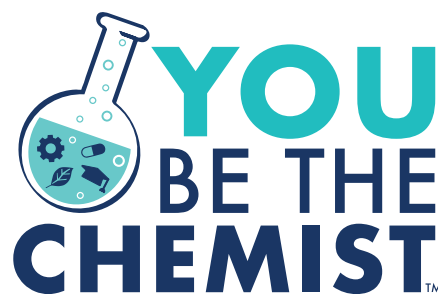
CEF adapted all *You Be The Chemist* programs and offerings to a virtual environment in light of Covid-19 during the 2020-2021 school year, offering students, teachers, and parents continued access to important STEM resources.

## OUR MISSION

To build the excitement and value of chemistry and STEM careers by empowering educators to engage K-8 students in accessible, hands-on science experiences.

# CEF

CHEMICAL EDUCATIONAL FOUNDATION®



150,000

Students reached through  
*You Be The Chemist* programs and resources



I believe that the business of Chemistry is the business of improving the length and quality of life. Throughout the pandemic, we have seen firsthand the value of chemistry to protect us with cleaning products, medicine, and vaccines.

To continue advancing our society, we need to make sure we provide educational access to future STEM leaders. We need to reach more diverse and underserved communities, ensuring all genders and ethnicities have equal opportunities to become our future workforce. This is exactly what CEF does every day – and why your support – is so critical.

I am proud of all we have accomplished in 2021 and look forward to continuing our work expanding access and opportunity to STEM education for students with so much promise and potential.

Terry Hill  
*Chair of the CEF Board of Trustees*  
*CEO of Barentz North America*

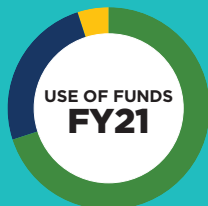


## 2021 FINANCIALS

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

CEF is a not-for-profit 501(c)(3) charitable entity. Our financial position remained strong in 2021 thanks to a network of committed donors and sponsors. Thank you to our contributors.

- Program & Communications – 70%
- Operating & Governance – 25%
- Fundraising – 5%



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



## Building Tomorrow's STEM Workforce

### 2021 ANNUAL REPORT





## TEACHER RESOURCES

# 5,000

Teachers Provided Access to  
*You Be The Chemist* Programs and Resources

The 2020-2021 school year was one of the most difficult educators have faced in recent history. CEF offered access to our *You Be The Chemist* resources to 5,000 teachers across the country for free, thanks to the generosity of our donors.



### ONDEMAND WORKSHOPS

Essential Elements workshops were offered virtually through CEF's inaugural OnDemand teacher training workshops.

Introduction to the 5E Model | Weather | Life Sciences | Space



## ACTIVITY GUIDES

# 4,866

Activity Guides Downloaded from CEF Website  
and Through Discovery Education

Our **Activity Guides** empower teachers and parents to bring hands-on science to their students at home and in-person.



## THE CHALLENGE

# 11,200

Students Impacted

## 42

States & Canadian  
Provinces

## 1,200

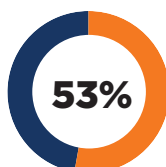
Students Impacted in  
China Challenge



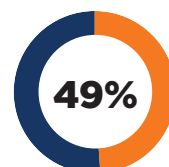
## 10,000

Students Impacted in  
National Challenge

The *You Be The Chemist* Challenge®, our student science competition, empowers students in grades 5-8 to explore chemistry concepts and their real-world applications alongside their teammates in a collaborative environment.



National Challenge participants  
who attended a Title I school



National Challenge participants  
who identified as female



## COMMUNITY PARTNERSHIPS

# 2,800 & 47

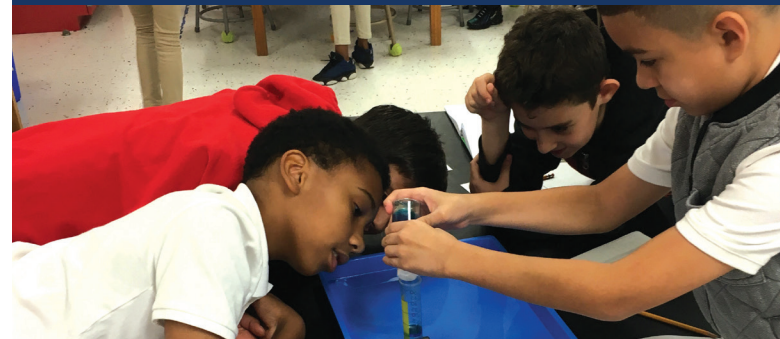
Students Impacted

Teachers Impacted

Community Partnerships create strong, sustainable relationships between schools and industry partners, providing the funding and resources schools need to offer *You Be The Chemist* programming in their classrooms.

### INTERACTIVE RESOURCES

CEF this year released the inaugural set of 16 virtual interactive Activity Guide modules to all Community Partnerships.

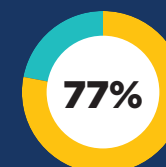


# 609

Module Sessions Were Accessed by the Students



of student  
participants  
identified as  
female



of students identified as  
historically underserved



of participating  
schools  
received Title I  
funding