

The background of the entire page is a close-up photograph of a person's hands holding a large, translucent, green, gelatinous substance. The substance has a complex, branching, and somewhat crystalline structure, resembling a biological or chemical specimen. The lighting is bright, highlighting the texture and color of the material. The hands are visible at the bottom and sides, holding the specimen from below and the sides.

CEF

CHEMICAL EDUCATIONAL FOUNDATION®

—2020—
ANNUAL REPORT

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.

This year has been one unlike any we have seen before. Students, teachers, and parents have adapted to new educational challenges resulting from Covid-19. The chemical industry has shifted focus to producing hand sanitizer, personal protective equipment, and other resources to fight the pandemic. And CEF has adapted its programs to support K-8 students, teachers, and parents virtually nationwide, increasing access to these important resources. By providing Activity Guide videos, educator training videos, student study modules, and more, CEF empowered these groups to stay connected and engaged with hands-on science. This is critical to continuing to build the future workforce, especially during a time when STEM-literate workers are so desperately needed.

I am proud of all we have accomplished and look forward to continuing our work to inspire students, engage educators, and strengthen communities in 2021.

*Terry Hill
CEO Barentz North America
Barentz*





YOU BE THE CHEMIST™

Covid-19 changed the educational landscape - and CEF met those changes head-on to continue to support teachers, parents, and students nationwide when they needed it most.

113,143 & **1,666**
Students Impacted Teachers Impacted



ACTIVITY GUIDES

49,550

Students Impacted

Our **Activity Guides** empower teachers and parents to bring hands-on science to a classroom setting - whether it's in person or at home. **1,310 educators** downloaded Activity Guides this year to share with their students. We also released demonstration videos after Covid-19 hit to help those unfamiliar with our Activity Guides implement them seamlessly in any setting.



PROFESSIONAL DEVELOPMENT

23,484

Students Impacted

309

Teachers Impacted

Essential Elements professional development workshops provide teachers with the knowledge and confidence they need to incorporate hands-on science in their classrooms. Workshops were not held in the spring due to Covid-19 but were reinstated virtually for the 2020-2021 school year.



THE CHALLENGE

36,000+

Students Impacted Through U.S. Challenge

1,300

Students Impacted Through China Challenge

2020 was the inaugural year of the team-based **You Be The Chemist Challenge**[®] format, where teams of students collaborated to explore science and chemistry concepts and solve problems facing their communities. The Challenge was also held for the first time in China and was held virtually due to Covid-19.

451

Schools

70

Regional Challenges

40

States



COMMUNITY PARTNERSHIPS

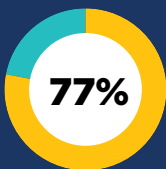
2,809

Students Impacted

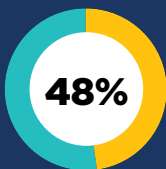
47

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. Community Partnerships were held in 10 schools in Texas and Washington, DC.



Historically underserved or underrepresented students



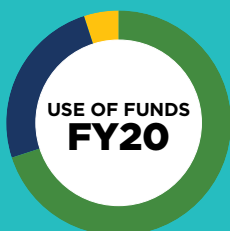
Female students



2020 FINANCIALS

For a full list of donors, visit www.chemed.org/donors

CEF is a not-for-profit 501(c)(3) charitable entity. Our financial position remained strong in 2020 thanks to a network of committed donors and sponsors. Thank you to our contributors.



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



VIRTUAL RESOURCES

CEF has the virtual resources teachers and parents need to help students explore hands-on science in at-home or in-person settings. Visit www.chemed.org to download 50+ hands-on science activities and gain access to educator demonstration videos, teacher professional development training workshops, student-focused science content modules, and more.



CHEMICAL EDUCATIONAL FOUNDATION®

www.chemed.org

