

# Impact Report 2020



THE INSTITUTE  
 COLORADO BIOSCIENCE

## Dear Institute Supporter,

The Colorado BioScience Institute (the Institute) cultivates a strong life sciences talent pipeline in Colorado through workforce development trainings and STEM education programs.

In March 2020, the Institute quickly adapted and found new ways to lead during the COVID-19 pandemic. The Institute transitioned to a virtual format to keep strong engagement and participation.

We successfully ran key virtual workforce initiatives and programs in 2020.

The Mentor Program and Research Experience for Teachers (RET) programs provide students and teachers real-world experiences and opportunities to develop connections in Colorado's life sciences ecosystem. The Foundations of Leadership Program offers a career-changing experience for mid-level managers. CEOs gain leadership training and mentorship through the Executive Leadership Program. 2020: A year to pivot, adapt and emerge stronger.

This fall, with the support of the Amgen Foundation, the Institute launched the LabXchange Teacher Training program which provides an important resource to meet the needs for middle and high school teachers throughout the state during these virtual times. LabXchange is an online learning platform supporting science teachers and students throughout the country and world. We are proud to partner with LabXchange and Amgen Foundation to provide this training to our Colorado teachers and their students.

The P-TECH program remains strong in 2020. This year the Institute welcomed new partner company, KBI Biopharma, to the collaborative and increased the participation to 57 students for the 2020-2021 school year.

2020 has brought its challenges, but together Colorado's life sciences ecosystem continues to work to inspire future innovators and increase and diversify the talent pipeline through the Institute's educational trainings and programs. With continued support from new and current sponsors, we plan to build on this momentum as we explore new partnerships and support the ecosystem's most critical workforce needs in 2021.

Thank you to all the continued participants and supporters, for adapting and leading in 2020!



*Jennifer Jones Paton*

**Jennifer Jones Paton**  
President  
Colorado BioScience Institute



*Meg John*

**Meg John**  
Vice President  
Colorado BioScience Institute



*“Agilent Technologies is proud to invest in Colorado’s future biotech workforce. We are inspired by the commitment and dedication of the P-TECH students. It’s an honor to mentor these students for several years and support their learning and growth.”*

**Joe Guiles, PhD**

Head of Development

Agilent Technologies

Investing Company in P-TECH Program

**The Institute’s impact would not be possible without the ongoing support from the life sciences community and ecosystem partners.**

# Colorado BioScience Institute Program Impact

## Pathways to Early College High Schools (P-TECH)

Impacts high school students with advanced classes and biotech experience to obtain an associate's degree while learning from leading life sciences companies in Colorado

### 2020 EDUCATIONAL PARTNERS

Frederick High School  
St. Vrain Valley School District  
Aims Community College

### 2020 COMPANY SPONSORS

Agilent Technologies  
KBI BioPharma  
Novartis Gene Therapies  
Tolmar

### 2020 IMPACT

 **57** STUDENTS

 **54** MENTORS

## Mentor Program

Pairs undergraduate students with professionals in Colorado's life sciences ecosystem for professional development and networking

### STUDENTS

 **70%** FEMALE

### MENTORS

 **40%** FEMALE

### 2020 IMPACT

 **60** STUDENTS

 **13** MENTORS

## Executive Leadership Program

Supports ecosystem leaders through the next level of growth and business betterment

### IMPACT SINCE INCEPTION

 **80** LEADERS

### 2020 IMPACT

 **13** LEADERS

# Colorado BioScience Institute Program Impact

## Foundations of Leadership

Provides emerging life sciences leaders with leadership trainings and workshops to support career growth

### 2019 TO 2020 LEADERS

 **78%** INCREASE

### 2020 IMPACT

 **34** LEADERS

## Research Experience for Teachers (RET)

Offers middle and high school teachers real-world experience and training on skills students need to enter the life sciences workforce

### IMPACT SINCE INCEPTION

 **62** TEACHERS

 **7,000** STUDENTS

### 2020 IMPACT

 **2** TEACHERS

 **200** STUDENTS

 **5** COMPANIES

## LabXchange Teacher Trainings

Trains teachers to better utilize the free Harvard-created LabXchange online learning platform in their remote, hybrid or in-person classrooms

### IN COLLABORATION WITH

LabXchange  
Denver Museum of Nature & Science

### GENEROUSLY FUNDED BY

The Amgen Foundation

### 2020 IMPACT (SINCE SEPTEMBER)

 **80** TEACHERS

 **4** SCHOOL DISTRICTS





## Thank You to Colorado BioScience Institute's Funding Partners



**Support the Institute's workforce cultivation efforts**  
Contact CBSI Vice President Meg John | [mjohn@cobioscience.com](mailto:mjohn@cobioscience.com)