



Annual Report

2023 Impact



Dear Institute Supporter,

Colorado BioScience Institute cultivates and diversifies the life sciences workforce in Colorado—from classroom to campus to career. 2023 brought new branding and an expanded online presence to highlight the importance and impact of our work. We also saw many successes from K-12 classrooms, to college campuses, up through our executive leaders in the ecosystem. We are grateful to our community for the incredible financial and volunteer support. Together, we nurture an early love of science with STEM education, engage students and teachers through hands-on experiences, and empower employees with professional development. Thank you for making 2023 a success!

We are excited to share our collective impact.

CELEBRATING OUR GRADUATES

In May 2023, we celebrated a big milestone for our Classroom (K-12) programs. The first class to complete Frederick High School's Pathways to Early College High Schools (P-TECH) program graduated 20 students with a high school diploma and an associate's degree from Aims Community College. Several of these students went on to pursue four-year degrees and at least three of these students are already working in our life sciences ecosystem. We expect these numbers to grow in the coming months and years.

As part of our work to cultivate and diversity Colorado's life sciences workforce, The Institute serves as company liaison for the P-TECH program. We are thrilled for the first graduating class and extremely grateful to our industry partners: AGC Biologics, Agilent Technologies, Corden Pharma, and KBI Biopharma.

CONNECTING MORE STUDENTS WITH COMMUNITY

After ten years, The Institute's Mentor program is reaching more students. Spring 2023 saw a small pilot, adding graduate and doctoral students to the program. By Fall 2023, the Mentor Program launched with full inclusion of undergraduate through doctoral candidates, connecting students at all levels from universities across the state to life sciences industry professionals in Colorado. The number of graduate and doctoral students that have joined us this year is impressive, emphasizing the need that existed in our community.

We look forward to the results of connecting more talent to employers through this popular Campus program. Thank you to our industry mentors for donating your time and making this program possible!

REINTRODUCING THE POPULAR STEM RESEARCH EXPERIENCE FOR TEACHERS PROGRAM

Thank you to the Medtronic Foundation, STAQ Pharma and AlloSource for providing The Institute with the funding to bring back the STEM Research Experience for Teachers (RET) program in 2023. We missed connecting Colorado teachers to life sciences companies throughout the COVID-19 pandemic restrictions and we were thrilled to see teachers back in our life sciences community. Six high school teachers had unforgettable experiences working in six of our life sciences companies in June and we look forward to seeing the impact these hands-on experiences will have on their students this school year.

Discover Our Mission



Meet Our Team

BENEFITING FROM OUR COMMUNITY'S SUPPORT

Colorado BioScience Institute thanks life sciences professionals who volunteer their time to help make our classroom, campus, and career programs possible; without your support we could not do the work we do. We are also extremely grateful to Colorado BioScience Institute and Colorado BioScience Association Board of Directors members for supporting us by generously donating to our Colorado Gives Day campaign. And in 2023, the ecosystem really showed up at our annual fundraising event, BioScience on Tap, providing a record-breaking fundraising total for this event. It is always fun to celebrate with our community at BioScience on Tap. The financial support allows us to cultivate and diversify the life sciences talent in Colorado.

GROWING OUR BOARD

We welcomed two new board members this year, Maria Mazin from the Denver Museum of Nature & Science and Matt Wiggins from the Boulder Chamber. Each brings a strong background and new perspectives from education, workforce development and community engagement. We are excited to continue building awareness about The Institute and exploring new partnerships with these new members on our board.

Thank you for supporting our continued growth and for leading alongside us!



ELYSE BLAZEVOICH
President



MEG JOHN
Vice President



ELYSE BLAZEVOICH
President
Colorado BioScience Institute



MEG JOHN
Vice President
Colorado BioScience Institute



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Tolmar, Inc.
Completed Term in 2023



MARIA MAZIN, PH.D.
Denver Museum of Nature & Science



MATT WIGGINS
Boulder Chamber

Classroom

Sparking an interest in STEM for K-12 students and teachers from diverse backgrounds.

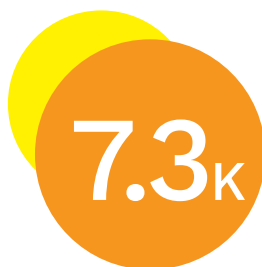
Teacher Trainings

Provides teachers with practical knowledge and hands-on experiences to enhance content knowledge, classroom practice, and bridge to the real-world skills students need.

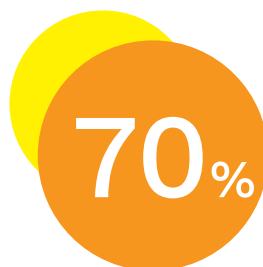
2023 IMPACT



HIGH SCHOOL
TEACHERS



STUDENTS



UNDERSERVED
STUDENTS

2023 SPONSOR



Classroom

Pathways to Early College High Schools (P-TECH)

Accelerates career opportunities for underserved high school students through the opportunity to participate in a biotech manufacturing degree program supported by local biotech companies and mentors.

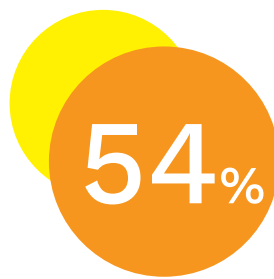
2023 IMPACT



STUDENTS



COMPANY MENTORS



UNDERSERVED STUDENTS

2023 EDUCATIONAL PARTNERS

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

2023 COMPANY SPONSORS



Research Experience for Teachers

Collaborates with middle and high school teachers to expand on real-world experiences and equip them to translate that experience and new knowledge into the classroom.

2023 IMPACT



TEACHERS



STUDENTS



EXTERNSHIP HOURS WORKED

2023 SPONSORS



Campus

Connecting students and instructors with professionals and career opportunities in our community.

Mentor Program

Expands the state's talent pipeline by connecting students at Colorado's academic institutions with life sciences companies through networking and an introduction to career opportunities.

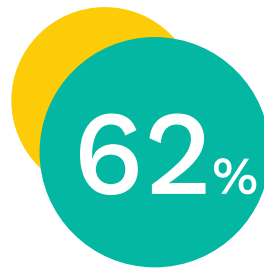
2023 IMPACT



STUDENTS



COMPANY
MENTORS



WOMEN
MENTORS

DEMOGRAPHICS

62%
women students

25%
BIPOC students

37%
graduate, Ph.D. and
postdoctoral students

“

I've had the pleasure of participating in the Mentor Program for over ten years. Seeing the direct impact on students, from internships to Fulbright scholarships, and seeing mentees joining the industry as colleagues, has been incredibly satisfying.

Michael Mestek, Ph.D.
Mentor
Medtronic Patient Monitoring



Campus

Virtual Industry Showcase

Builds the connections between the state's future workforce talent pipeline currently in academia and life sciences companies by providing networking and available career opportunities.

2023 IMPACT



COMPANIES



STUDENTS



UNIVERSITIES
REPRESENTED

“ Sparking connections has provided tremendous value to our current and future workplace. The interconnectedness of industry and academia builds a strong community and creates perpetual growth in the ecosystem.

PARTICIPATING COMPANY



Career

Advancing professional careers in life sciences, from early career to executive education.

Executive Leadership Program

Strengthens current leaders' skills through an intensive leadership program specifically designed for the life sciences ecosystem with thought leaders, mentorship, and peer accountability.

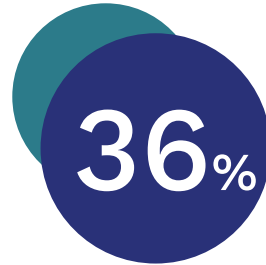
2023 IMPACT



EXECUTIVES



COMPANIES



WOMEN
EXECUTIVES



Foundations of Leadership

Establishes critical leadership skills for professionals new to management roles with interactive personal and professional sessions.

2023 IMPACT



“ I left the course feeling more empowered to delegate to team members and to better outline expectations. The course was perfect timing for many leadership topics that I was hoping to implement to my leadership skillset.

Jeremy Hansmann
2023 Participant
QE Manager
SomaLogic



Learn About the 2023 Cohort

Reaching New Heights

Community support and new initiatives – The Institute excels at breaking records and recognizing young talent.

Community Support

Expands accomplishments, reach, and impact based off the generous financial support and incredible volunteer contributions of the community.

2023 IMPACT

COLORADO GIVES DAY

105%

Fundraising Goal Reached

100%

Board Donation Rate

FUNDRAISING EVENTS

130%

Fundraising Goal Reached

150

Event Attendees

DEDICATED COMMUNITY

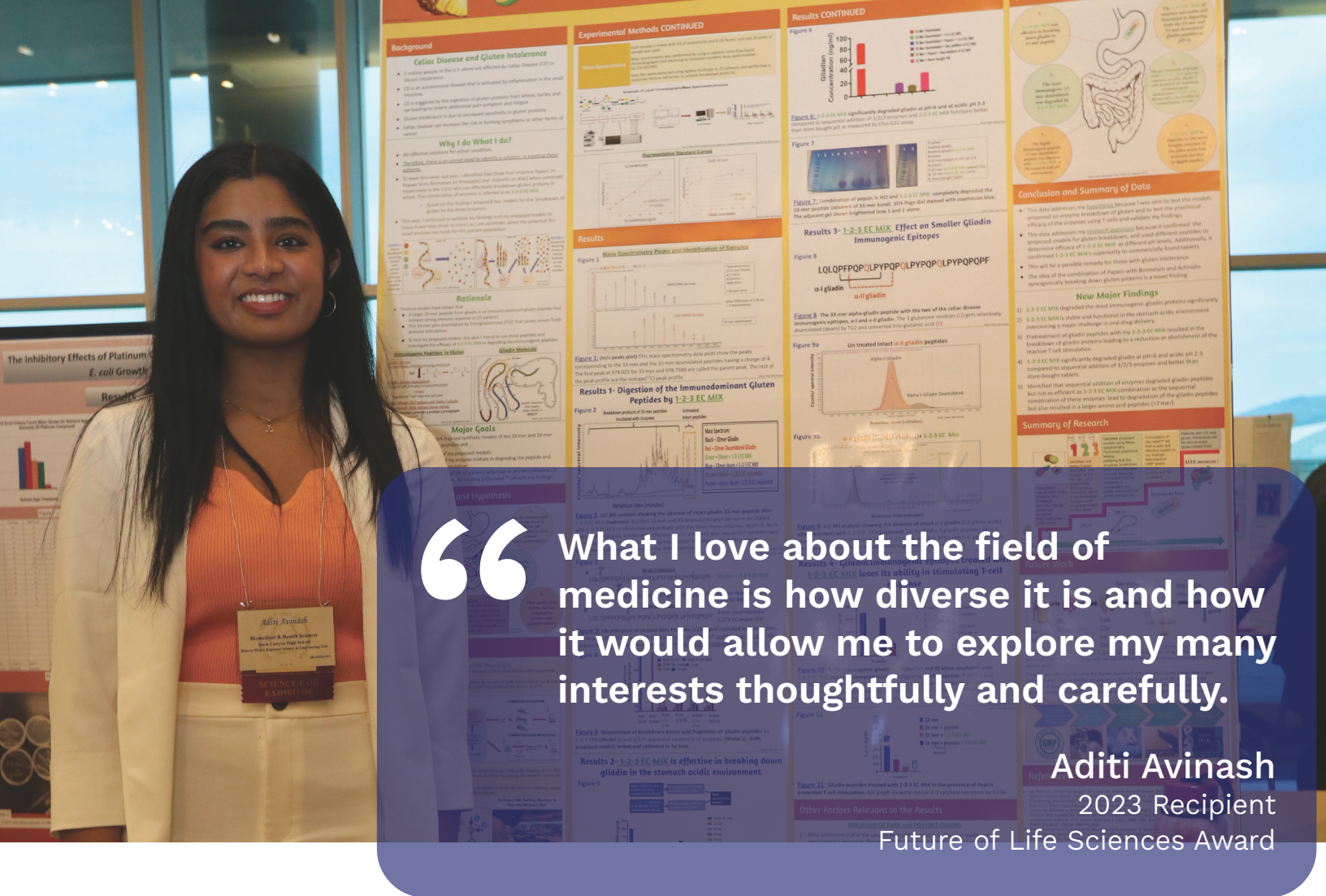
150

Volunteers

2,600

Volunteer Hours





NEW AWARD

Celebrating Classroom Discoveries and the Future of Life Sciences

The Colorado BioScience Institute celebrates student achievements in life sciences, including presenting the Future of Life Sciences Award at the Colorado State Science and Engineering Fair in 2023. The new award recognizes innovative projects and fosters a spirit of exploration and advancement in the field.

The 2023 Future of Life Sciences Award winner, Aditi Avinash, an 11th grader from Rock Canyon High School, won with her project Model Validation and Preclinical Testing of Digestive Enzymes for Gluten Breakdown.

Aditi's dedication, supported by her school and community, reflects her aspirations to pursue medicine and combine research with clinical empathy, ultimately making a positive impact on patient care. "What I love about the field of medicine is how diverse it is and how it would allow me to explore my many interests thoughtfully and carefully," said Avinash.

This award is a testament to the collective dedication of the Colorado BioScience Institute and Colorado's life sciences community to cultivate and diversify the state's life sciences workforce, from classroom, to campus, to career.

Read the Full Story



Thank You to Our Funding Partners

