



College of Engineering & Applied Science  
UNIVERSITY OF COLORADO **BOULDER**



# COMPUTING FUTURES CENTER

PARTNERSHIPS  
ADVANCING INNOVATION

Innovation is not a buzzword, it's a practice.  
And now, in Boulder, it's also a place. A place where industry, academia, and nonprofits come together to create exciting research partnerships, new ways of learning, and a welcoming and inclusive environment whose goal is to advance computing and its applications. The Computing Futures Center on CU's East Campus is **the cornerstone of a purposeful future.**

## **The world of computing is evolving and advancing faster than ever before.**

The Computing Futures Center (CFC) will lead the way as an inclusive, welcoming hub that provides opportunities for students, faculty, and industry professionals to learn, work, and innovate together. This new center will inspire, and be inspired by, all who pass through its doors. The CFC will make Boulder the national epicenter of inclusive futures and innovations in tech.

**“Walking into the building, you will sense that a broad range of lived experiences and perspectives are furthering our innovation capabilities.”**

Lucy Sanders, CEO and Co-founder of NCWIT

### **Lead with Diversity and Inclusion**

CU’s Computing Futures Center invites all voices to influence the future of computing and help solve some of the world’s most complex problems. The presence of the National Center for Women & Information Technology (NCWIT) infuses research-based inclusion approaches, assuring that wide ranging perspectives accelerate computing innovation.

### **Leverage a Broad Spectrum of Perspectives to Empower Innovation**

Experts from multiple computing disciplines and organizations will benefit from the cross-pollination of ideas, accelerating discoveries in areas like robotics, AI, quantum computing, data science, high-performance computing, and cybersecurity. The building’s classrooms and labs will foster an energetic student environment of learning and discovery. Leveraging the strengths of our students, faculty, and partners to learn from one another and work across boundaries, the building will be a highly visible symbol of CU Boulder’s ground-breaking innovation in academia and industry partnerships.

### **Create a Virtuous Cycle of Technological Development**

Building occupants partnering together will assure that technology development, research advances, production of talent, and the reputation of CU Boulder and the region build upon and reinforce each other.



## The Building

**“Computing touches every aspect of our world. Establishing an environment centered on strength in diversity - be it subject expertise, demographic, industry/academic emphasis, or viewpoint - will empower our faculty, students, and the Boulder community to meet the needs of technology and its crucial role in society.”**

-- Keith Molenaar, Dean, CU College of Engineering and Applied Science

The Computing Futures Center will be a 200K gsf building on the CU Boulder East Campus. Nearby buildings include Aerospace Engineering, Sustainability, Energy and Environment Community, and Biotechnology. Main campus is accessible by a 15-minute walk or bus service. The CFC will be a public-private partnership comprised of 30-40% university and nonprofit tenants and 60-70% local companies.

This building has been designed as a vibrant, people-filled and energetic space that helps fuel complex ideation. It will feature classrooms, laboratories, workspaces and social spaces that support education, interaction, and outreach to the broader community.



# Amplify the Strengths of CU, NCWIT, and Boulder

The Computing Futures Center will be CU Boulder's first academic university/industry facility built as a public-private partnership (P3), enabling the creation of a \$80-90M building with only \$15M from donor contributions. The building will be a national role model with respect to both its partnership approach and its focus on placing diversity and inclusion at the heart of scientific innovation and education.

We welcome partners in helping us create this vibrant, novel, and critical space that will advance the future of technology, a welcoming future that includes everybody and removes traditional boundaries between academia and industry.



## Front Range Tech Scene

Boulder and the surrounding area have emerged as one of the premier tech hubs in the US. Home to myriad tech companies ranging from industry leaders to small ventures (often #1 in per-capita tech startups), the area also boasts one of the nation's highest concentrations of national labs.



## CU's Esteemed Faculty and Programs

CU Boulder has an exceptional array of highly-ranked computing academic programs including computer science, computer engineering, information science, data science, and world-leading institutes such as BioFrontiers and Cognitive Science.



## NCWIT's Leadership in Inclusion in Computing

A research-based organization of international influence and renown, NCWIT originated at and remains closely linked to CU Boulder. NCWIT's flagship presence will attract and engage with teams in the building, with the shared mission of broadening meaningful and influential participation in computing.