



# CAPITAL DEVELOPMENT COMMITTEE

FY 2024–25 Capital Request

**Philip P. DiStefano**  
Chancellor

# CU BOULDER IMPACT ON THE STATE

CU Boulder is the largest degree-granting institution in Colorado. It is home to nine schools and colleges, granting more than 8,000 degrees annually. It has 75 research centers and 12 research institutes—many that partner with Colorado's federal labs. CU Boulder has 120,000 alumni living in Colorado and nearly 300,000 alumni worldwide.

## Enrollment

**37,153** degree-seeking students in fall 2023

## Colorado resident:

**21,188**

## Technology transfer

**179** companies formed based on CU Boulder technologies since 1990

**\$504 million**

in capital raised by CU Boulder startups in FY23

**#1**

**in NASA funding**  
among public universities

## Economic contributions

**19,189** employees including students

**\$1.1** billion annual payroll

**\$4.3** billion annual impact on the state (2023)

## Research

(These funds are restricted and may not support general operations)

**\$684.2** million total in FY 2023

## Operating revenue

**5%** state-appropriated funds, FY23

## 2023 entering class

**First-generation** (16.9%)

**Most qualified** (3.83 GPA)

## Outreach and engagement

**171** outreach programs across the state

**245,000** Coloradans benefit each year

**47,800+** K-12 students and teachers impacted in Colorado

## Faculty head count

**2,546** academic faculty in 2023

**2,435** research faculty in 2023

**5** Nobel Prize winners **12** MacArthur fellows

## Education

### Top 15 national rankings

**#4** atomic/molecular/optical physics

**#7** geology

**#8** aerospace/aeronautical/astronautical engineering

**#8** physical chemistry

**#10** clinical psychology

**#11** quantum physics

**#12** psychology

**#13** condensed matter physics

**#14** audiology

**#14** earth sciences

**#15** secondary teacher education

*U.S. News & World Report, 2024*

## Investing in Colorado students

More than **9,500** undergraduate Colorado residents received Merit & Need Aid from CU Boulder last year

In FY23, Boulder invested **\$66.1 million** in Merit & Need Aid for Colorado students, a 24.6% increase over the past 6 years

**CU Promise** guarantees Pell-eligible resident students enough grants to cover their share of tuition, fees and books.

# **Guggenheim Geography Building Renovation**



The condition of the Guggenheim Geography Building has deteriorated under heavy use. **Guggenheim** has had **no significant remodels since it was built in 1908**. The university will provide 60% of the funding (over \$28.6 million in cash funding) and is requesting just over \$19 million from the state.

The project includes a total of **\$19 million** in health, life-safety and code improvements from the state and **\$28.6 million** in academic space improvements from the university in **one \$47.6 million project** over a single request cycle.

Code compliance and maintenance upgrades are required to address deterioration of all building systems in Guggenheim. They include:

- Asbestos mitigation
- Building egress
- Electrical systems
- Fire alarm systems
- Fire-rated doors
- Fire-rated wall penetrations
- HVAC system
- Lighting systems
- Roofing materials

In fall 2022, the Guggenheim Building housed **97 faculty, staff and graduate students**. Faculty from 13 academic departments taught **1,416 students** enrolled in courses required to earn their degrees. Instructors taught **2,471 undergraduate** and **189 graduate** credit hours. Classrooms were scheduled an average of 30 hours per week with an average student station **occupancy of 62%**. Also in fall 2022, a total of **634 first-year students** took at least one course in Guggenheim; **29%** of 2021–22 bachelor's degree recipients took at least one course in the building.

The proposed renovation will make the building **more energy efficient** and create more useable space. This newfound space will potentially be used to satisfy additional classroom needs, help reduce waitlists and allow more students to enroll in classes needed to graduate on time. The **College of Arts and Sciences** will use additional classroom space in Guggenheim for courses that support speech, language and hearing sciences, psychology, cognitive science, neuroscience, and sociology, eventually serving **22 academic programs**.

# Macky Auditorium Renovation



Macky Auditorium is an important structure within the Norlin Quadrangle Historic District on the CU Boulder Main Campus and has deteriorated from **102 years of use**. In the first of three phases, the university will provide 60% of the funding (\$20.5 million in cash funding) and is requesting just over **\$13.6 million** from the state in FY24–25. Of the project's total cost of \$76.4 million, **\$29.3 million**, or 38.4 percent, addresses deferred maintenance.

Plans are to ensure continued use of the unique spaces in the building by:

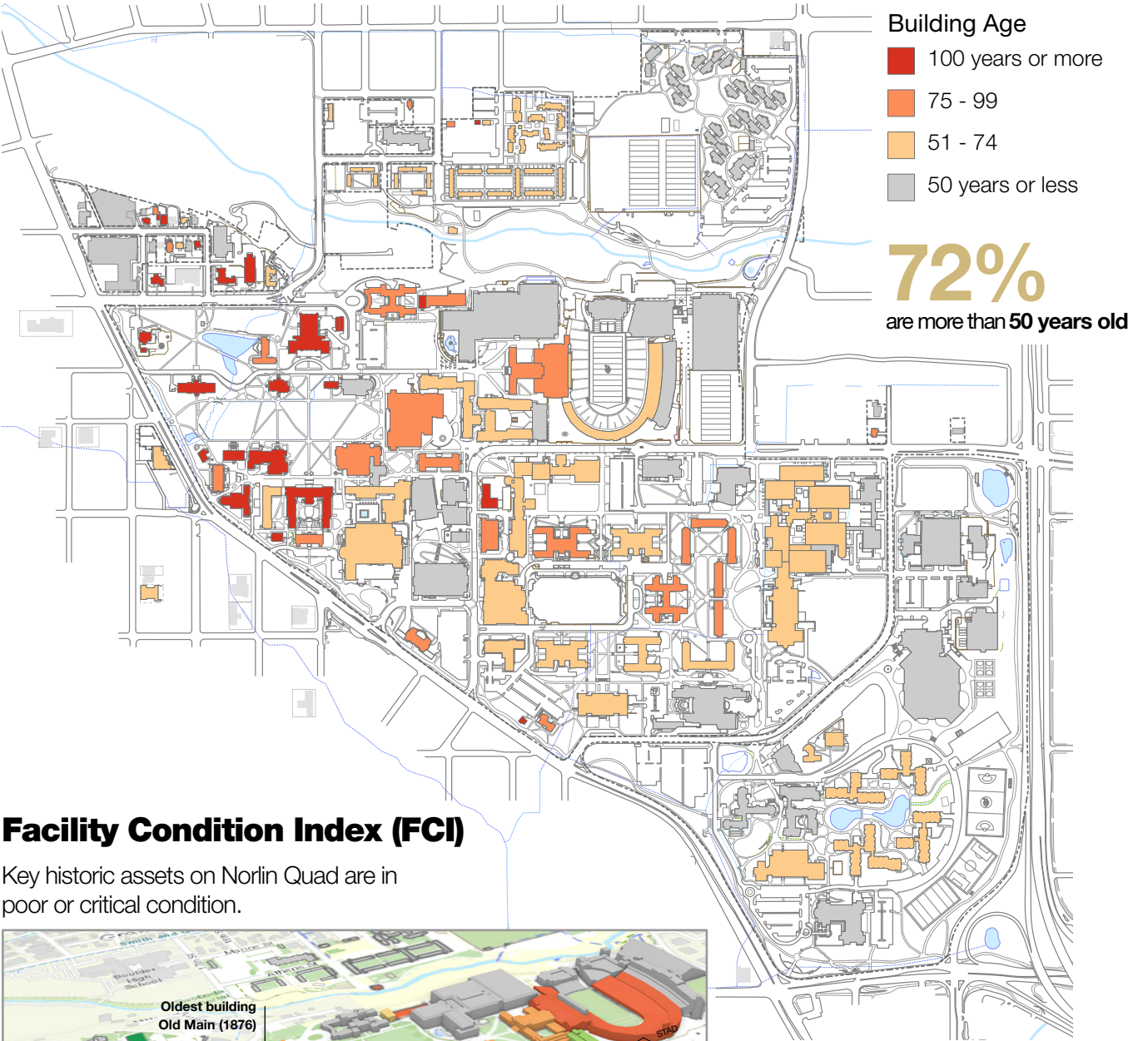
- Upgrading building systems to current building and life-safety codes
- Stabilizing the structure
- Addressing site drainage and moisture issues at the foundation
- Restoring and preserving historic elements that have deteriorated
- Bringing about operational and energy efficiencies

Macky has six classrooms used by the Departments of Cinema Studies, Theatre and Dance, Film Studies, and Germanic and Slavic Languages. In fall 2022, **105 students** were enrolled in classes, and two departments taught **315 undergraduate** credit hours. Macky provides office and support space for 92 faculty, staff and graduate students, and is home to the Center for African and African American Studies.

In fall 2022, classrooms averaged **14 hours per week** and a **60% seat utilization** (not including the auditorium). During the pandemic, inadequate ventilation provided by aging mechanical systems did not meet social distancing requirements, and classes were scheduled elsewhere on campus. Students and faculty will make better use of the building as this obsolete teaching space is remodeled and meets student expectations for technology.

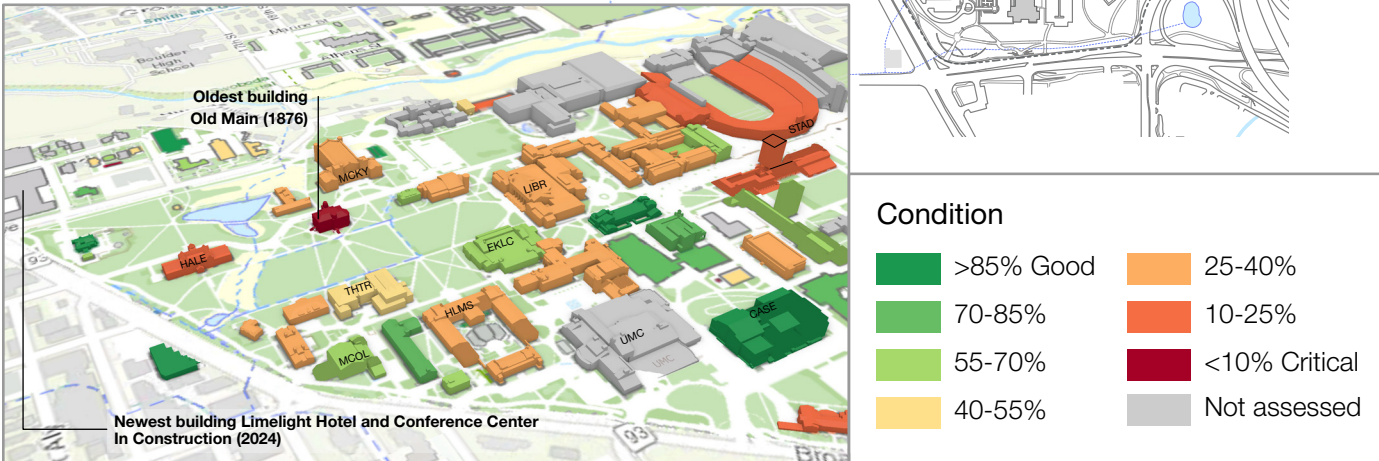
# \$1.44 Billion Deferred Maintenance Backlog

Our goal is to reduce the backlog of deferred maintenance through strategies such as: integrating emerging needs into repairs, increasing space utilization rates, improving efficiency and life-cycle costs, leveraging sustainability improvements, and mitigating potential problems before they arise.



## Facility Condition Index (FCI)

Key historic assets on Norlin Quad are in poor or critical condition.



## FY24–25 Capital Construction Requests

CU System Priority	Project Title	Campus Funds	State Funds	Total Request
<b>1</b>	Guggenheim Geography Building Renovation	\$28,564,393	\$19,042,928	<b>\$47,607,321</b>
<b>3</b>	Macky Auditorium Building Renovation	\$20,453,200	\$13,635,467	<b>\$34,088,667</b>
<b>4</b>	Economics	\$17,712,757	\$11,808,504	<b>\$29,521,261</b>

## FY24–25 Pending Controlled Maintenance Requests

Project Title	Current Request
Hale Science: Exterior Structural Repairs, Phase 3 of 3	<b>\$1,069,989</b>
Campus Rooftop Safety: Multiple Buildings, Phase 2 of 2	<b>\$653,186</b>
Classroom Security Upgrades	<b>\$1,752,784</b>
Engineering Center Office Tower Window Replacement	<b>\$1,811,829</b>
Mountain Research Station Sewage Treatment System	<b>\$1,927,894</b>
Ofelia Miramontes and Leonard Baca Education Building Roof Replacement	<b>\$1,207,314</b>
Campus Domestic Water Heat Exchanger Replacement, Multiple Buildings	<b>\$1,357,724</b>

## Climate Action and Sustainability

- Update to campus Climate Action Plan in 2024
- Commenced campus decarbonization plan
- Goal of 50% carbon reduction by 2030, with a linear reduction to zero emissions by no later than 2050
- Engaging in agreement for 5.9MW of electric power via virtual net metering
- Rolling out energy performance contract for efficiency projects in 18 buildings (10% of campus square footage) and 1.1MW of solar power
- Increased energy efficiency in new builds and renovations
- Continued focus on deferred maintenance and renewals
- 6 electric buses in 2024 (24% of bus fleet converted); potential for 2 more in 2025 (32% converted)
- Hosted Right Here, Right Now Global Climate Summit, continuing partnership with U.N. and universities across state and nation

