

CURC Strategic Goals and Priorities – 2026-2031

CURC Vision for 2026-2027

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This document provides the one-year plan for Research Computing based on the five-year vision developed in Spring 2026 by the CU Boulder Research Computing team in conjunction with RIO, OIT, and other CU and external stakeholders. This document outlines our mission statement and core goals, as well as what we are hoping to achieve in the year starting on July 1, 2026, and ending on June 30, 2027.

Mission

CU Boulder Research Computing (CURC) enables competitive computational research by providing a broad set of stakeholders with access to innovative advanced computing and data resources.

Goal 1: Enable Transformative Research Through Advanced Computing and Data Capabilities

Provide advanced computing and research data capabilities that enable CU researchers to pursue increasingly computational and data-intensive discovery.

1. Sustain and evolve shared research computing capabilities.
2. Anticipate and respond to emerging computational research needs.
3. Strengthen capabilities for data-intensive research.

Goal 2: Deliver Exceptional Research Enablement Through Expert Support and Engagement

Strengthen CURC's role as a trusted research partner by evolving user support, advanced consulting, and collaborative engagement in response to user needs.

1. Expand expert consulting and research engagement.
2. Strengthen researcher onboarding and access.
3. Enhance user experience and service delivery.

Goal 3: Build Computational Skills and Workforce Capacity for the Future of Research

Develop scalable training programs and experiential learning opportunities that equip students, researchers, and staff with the skills needed to effectively use advanced computing and AI technologies.

1. Expand applied training in advanced computing and AI-enabled research.
2. Create experiential learning opportunities for students.
3. Support skill development across the research community.

Goal 4: Expand Institutional and Regional Partnerships to Amplify Research Impact

Leverage collaborations across CU campuses, regional institutions, and national initiatives to broaden access to advanced computing capabilities and strengthen CU's leadership in the research computing ecosystem.

1. Strengthen partnerships across the CU system.
2. Expand regional collaboration through RMACC and related initiatives.
3. Contribute to national research computing initiatives.