

Preparing Leaders Through Integrated Sciences



The Campaign for CMC: Responsible Leadership will empower the College to prepare leaders through integrated sciences and computation by raising the critical technical and scientific fluency of all students and ensuring their ability to lead within a modern global economy.

◆ **PREPARE** all students to be nimble problem-solvers who confidently engage with the rapid advances in the sciences and their complex interactions with all facets of society.

◆ **INVEST** in a new integrated sciences program, organized around grand socio-scientific challenges facing the world:

- Health (Genomics, Systems Biology, and Health)
- Brain (Brain, Learning, and Decision), and
- Planet (Climate, Energy, and the Environment)

The new Kravis Department of Integrated Sciences is rooted in CMC's foundational liberal arts and leadership mission, and unique in its approach to organizing science education, leveraging computation as a powerful vehicle for discovery and systemic solutions, and integrating CMC's core strengths in the social sciences and humanities.

◆ **ENVISION AND BUILD** an iconic new facility, allowing CMC to fully realize the campus master plan, and facilitating collaboration through adaptable spaces for student-centric and hands-on learning.

26%

2020 graduates who majored in a Science or Interdisciplinary Science

11,000

Visits to the Murty Sunak Quantitative and Computing Lab

28%

Recent graduates who start their careers in technology



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KRAVIS DEPARTMENT OF INTEGRATED SCIENCES

The department, rooted in CMC's foundational liberal arts and leadership mission, is unique in its approach to organizing science education around grand socio-scientific challenges, leveraging computation as a powerful vehicle for discovery and systemic solutions, and integrating CMC's core strengths in the social sciences and humanities.

This next-generation program honors philanthropist, trustee, and alumnus Henry Kravis '67 and his wife, Marie-Josée, who have made a transformative commitment of up to \$215 million in support of CMC's vision for integrated sciences. The gift will support the appointment of 25 world-class liberal arts faculty, including 12 Kravis Chairs in Integrated Sciences.

The program will respond to a growing need for computationally-rich science curricula, hands-on learning opportunities, and "science in the public sphere," especially for non-science majors, said Ran Libeskind-Hadas, the Founding Chair for Integrated Sciences. This will include building a "common on-ramp to the sciences" through general education courses and creating meaningful conversations around the impact of science on society—for instance, in cross-disciplinary areas like neuroeconomics, climate policy, bioethics, science journalism, and the ethics of algorithms.

"As science and technology continue to transform all aspects of society, the new program will deepen fluency in evolving sciences and technologies so that students understand their influences and impacts," Libeskind-Hadas said. "Our approach is a real game changer for CMC. It is designed to allow students to engage with the world in new ways, whether it's through government and economics, philosophy, literature, and other humanities and social sciences."

ROBERT DAY SCIENCES CENTER

Great programs require equally impactful facilities. The current concept of the center by world-renowned architects of BIG-Bjarke Ingels Group, matches the ambition of the program. Designed to foster transparent and dynamic interaction between faculty, staff, and experts, as well as across disciplines and applied research and learning opportunities, the Center, set to open in Fall 2024, provides a new campus gateway and allows a series of developments and improvements to prepare CMC for our next chapter.

"This is a dream come true: a stunning home for integrating world-class experimental and computational sciences with CMC's outstanding strengths in the social sciences and the humanities," said CMC President Hiram E. Chodosh. "Here we will prepare responsible leaders at the critical intersections—known and unknown—of science, economics, and other important fields to take on the big challenges and opportunities of our time."

134

Students in the Data Science major or sequence, the largest at CMC

3x

Enrollment in computer science courses has tripled in recent years

The new Kravis Department of Integrated Sciences is designed to prepare our students for what we all need from them—responsible leaders who are able to address the most complex problems at the intersections of science, computation, business, policy, ethics, and society, and who are committed and prepared to collaborate on the most innovative solutions.