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# STEM for a Better World

## Harvey Mudd College Strategic Plan 2025–2035

### The Plan—Four Strategic Goals

The plan is organized into four overarching goals, supported by specific objectives and actions. These goals have been developed via community-wide engagement, working groups and task forces. Some actions have already begun, others continue existing work, and some are still in the early planning stages. The Strategic Plan Steering Committee will monitor progress on these goals and objectives as we move forward. This plan embodies Harvey Mudd College's commitment to continuous innovation and impactful contributions, solidifying our reputation as a global leader in liberal arts STEM education. Our mission, vision of STEM for a Better World, guiding statements and strategic goals aim to propel innovation in a world that greatly needs Harvey Mudd.

#### Goal 1: Innovative Education

Harvey Mudd College is committed to leading a STEM-education renaissance by pioneering transformative teaching methods, curricula and co-curricular programs through the establishment of an Innovation Accelerator. We will empower faculty and staff to create educational experiences that infuse creativity, innovation and inclusivity. Our initiatives aim to close historical performance gaps, enhance student mastery and ensure the material we teach addresses pressing global challenges. We will recruit, admit and retain a student body that reflects the richness of society and provide them with the resources and skills to be successful.

##### OBJECTIVE 1.1

#### Advance STEM Education and Practice for the 21st Century

Foster a diverse cohort of engaged STEM leaders through exceptional teaching, learning and research. This includes establishing new institutes and centers of excellence to develop innovative educational approaches for emerging STEM challenges, expanding support for endowed professorships, scholarships, undergraduate research, experiential learning opportunities and summer experiences, and the Core Impact course, ensuring these programs are accessible and beneficial to all students.

##### OBJECTIVE 1.2

#### Lead in Climate Education

Continue expansion of the Hixon Center for Climate and the Environment to provide comprehensive education on climate issues. Develop joint majors in climate + STEM fields, integrating interdisciplinary expertise to address global environmental challenges while fostering inclusive approaches to environmental education that consider diverse perspectives and knowledge systems.

##### OBJECTIVE 1.3

#### Build State-of-the-Art Educational Infrastructure

Construct a magnificent science and engineering building, residence hall and student union consistent with the highest “healthy building” principles. These facilities will transform the College's cutting-edge scholarship and residential opportunities, creating a comprehensively compelling experience for future students.

#### Goal 2: Transformative Partnerships

We will forge new partnerships and strengthen the most promising existing collaborative efforts between Harvey Mudd and The Claremont Colleges, external organizations, businesses and community groups. These partnerships will create a dynamic ecosystem that invigorates our students' educational experiences, reinforces our ability to carry out our mission and drives positive societal impact.

##### OBJECTIVE 2.1

#### Enhance Professional and Research Partnerships

Review, evaluate and expand partnerships with corporations, foundations, nonprofits and other entities through the Clinic Program and the Office of Career Services, including exploring ways to offer students a greater variety of opportunities, internships and career placements in high-impact areas, both domestically and internationally. Explore additional opportunities to partner with other educational institutions, federal and state government organizations, companies, venture capital organizations and nonprofits to enhance opportunities for research, innovation and societal impact.

OBJECTIVE 2.2

**Foster Entrepreneurship and Interdisciplinary Education**

Develop comprehensive entrepreneurship offerings, including the Entrepreneurship Studio program, in collaboration with companies, venture capital organizations and nonprofits. Explore new joint programs and majors with The Claremont Colleges in interdisciplinary areas like public policy, ethics and STEM disciplines. Create partnerships that allow students to engage with STEM challenges in a global context, promoting a holistic understanding of societal issues.

**Goal 3: An Evolving Institution**

We aim to strengthen Harvey Mudd College through intentional steps that further develop our institutional maturity by promoting shared responsibility and philanthropy, ensuring affordability for all students and reducing our environmental impact. By doing so, we will create a stronger foundation for the College's mission and ensure that it is in position to serve future generations of Mudders.

OBJECTIVE 3.1

**Increased Visibility and Support of Our Cause and Vision**

Build new approaches to engage alumni, parents and friends in supporting Harvey Mudd's cause of STEM for A Better World and our liberal arts-based, STEM educational approach. We will cultivate a culture of shared responsibility of philanthropy to secure resources that sustain and strengthen the College's leadership in higher education.

OBJECTIVE 3.2

**Ensuring Access and Equity**

Eliminate financial barriers by removing loans from financial aid packages, establishing a Secure Scholars Fund to cover students' indirect costs, and supporting first-generation and low-income students through programs, such as I'm a First and the Summer Institute. This will ensure that a Harvey Mudd College education is financially accessible and inclusive, fostering a diverse student body and providing essential resources and mentorship.

OBJECTIVE 3.3

**Embedding Sustainability into College Operations**

Renovate our facilities and incorporate alternative energy sources in alignment with sustainable practices. Integrate sustainability into the College's structure and operations to reduce our long-term environmental footprint.

**Goal 4: A Thriving Community**

We will support our students, alumni, professional staff and faculty in leading fulfilling lives and making positive contributions to our campus and to society. Our central campus serves as a hub of connection, offering the physical space, programs and resources needed to foster social and cultural support, personal growth and the development of impactful lives.

OBJECTIVE 4.1

**Strengthen Collaboration and Community Engagement**

Enhance our collaborative and socially engaged nature with the Office of Civic and Community Engagement. Build students' citizenship and global awareness through local, regional and global outreach, fostering a community that values diverse perspectives to enable creative problem-solving.

OBJECTIVE 4.2

**Foster Holistic Wellbeing and Purposeful Growth**

Provide comprehensive programs and resources to support students' personal and academic journeys, helping them achieve a healthy balance between professional and personal life. Use the Office of Wellbeing and other structures to promote programs that empower students to explore their personal philosophies and align their activities with their values and goals to design fulfilling lives.

OBJECTIVE 4.3

**Empowered and Engaged Faculty and Staff**

Prioritize the recruitment, retention, and professional and personal growth of outstanding faculty and staff by offering competitive pay, benefits and comprehensive professional development opportunities, and work-life integration initiatives. Foster a supportive and inclusive workplace environment, empowering faculty and staff to excel in their careers while maintaining a sense of fulfillment and connection to the Harvey Mudd community.

