Members of the Accelerating Change in Medical Education Consortium

The AMA is transforming medical education across the continuum and collaborating with undergraduate and graduate medical education institutions to create a system that trains physicians to meet the needs of today's patients and anticipate future changes.

Reimagining Residency initiative

The goal of the Reimagining Residency grant program, which was launched in 2019, is to transform residency training to best address the workplace needs of our current and future health care system. It supports bold and innovative projects that provide a meaningful and safe transition from undergraduate to graduate medical education, establish new curricular content and experiences to enhance readiness for practice and promote well-being in training.

Creating the medical schools of the future

The AMA launched the "Accelerating Change in Medical Education" initiative in 2013. After initially awarding grants to 11 medical schools from across the country, the AMA brought these schools together to form the AMA Accelerating Change in Medical Education Consortium—a unique, innovative collaboration that allowed for the sharing and dissemination of groundbreaking ideas and projects.

Another 21 schools were added in 2016. Five more schools and the 11 grant teams comprising the Reimagining Residency grant program were added in 2019. These grant teams have made vast contributions to the future of medicine.

The following topics are an overview of some of the areas of these projects, although many projects cross more than one area.

Teaching new content in health systems science


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Institutions in the consortium—Warren Alpert Medical School of Brown University, Mayo Clinic Alix School of Medicine, Brody School of Medicine at East Carolina University, Eastern Virginia Medical School, A.T. Still University-School of Osteopathic Medicine in Arizona, University of California, Davis, School of Medicine, University of Pittsburgh School of Medicine and other consortium members—are implementing instruction in health systems science (HSS), the third pillar of medical education, along with the basic and clinical sciences.

HSS is defined as a foundational platform and framework for the study and understanding of how care is delivered, how health professionals work together to deliver that care and how the health system can improve patient care and health care delivery.

The projects of several consortium member schools—University of Chicago Pritzker School of Medicine, Michigan State University College of Osteopathic Medicine and Emory University School of Medicine—specifically focus on the HSS domains of patient safety and quality improvement.

Projects at the University of Nebraska Medical Center College of Medicine, CUNY School of Medicine and Florida International University Herbert Wertheim College of Medicine are more focused on teaching medical students to work as members of an interprofessional team, another HSS domain.

**Envisioning the master adaptive learner**

Preparing today’s medical students for careers in the changing health care system requires more than clinical skills. They must be master adaptive learners. This means they have developed the adaptive expertise they need to deliver high-quality health care. They are expert, self-directed, self-regulated and lifelong workplace learners.

Several consortium members, including Vanderbilt University School of Medicine, the University of Michigan Medical School and New York University School of Medicine, developed the Master Adaptive Learner model.

Vanderbilt and Harvard Medical School are two of the consortium schools that have consortium projects focused on implementing the Master Adaptive Learner model.

**Developing flexible, competency-based pathways**

Several consortium members, including Oregon Health & Science University, Ohio University Heritage College of Osteopathic Medicine and Virginia Commonwealth University School of Medicine have implemented competency-based medical education. This means some students may move
through medical school more quickly.

For example, a medical student who has already been educated and worked as a nurse, physician assistant or other health professional may need less time with the portions of medical school that are duplicative of their earlier training. Others may need more time to address deficiencies, better absorb learning or develop skills to become good physicians.

**Working with health care delivery systems in novel ways**

Penn State College of Medicine, Case Western Reserve University School of Medicine, Rutgers Robert Wood Johnson Medical School and the University of North Carolina School of Medicine are some of the consortium members that have implemented value-added roles for medical students. These roles frequently involve partnerships with the health system and add value to the health system and to a student’s education.

Value-added roles for medical students are critical because health care payment is moving away from volume-based reimbursement to a system that prioritizes value. This means assessing and managing cost and value in health professions education is critical.

The University of Utah School of Medicine, another consortium member school, is adapting tools developed by the University of Utah Health Sciences Center that have proven effective at bending the cost curve of health care to create a new educational model that emphasizes cost reduction and improves educational outcomes.

**Making technology work for learning**

Consortium member schools are making technology work for learning. For example,

- Indiana University School of Medicine created a teaching electronic medical record system that has been implemented at the University of Connecticut School of Medicine and Sidney Kimmel Medical College at Thomas Jefferson University.
- Other consortium institutions such as the University of Texas Rio Grande Valley School of Medicine and the University of North Dakota School of Medicine and Health Sciences are identifying ways to use technology to address population health, cross communication barriers and increase access to care.
- The University of Washington School of Medicine uses technology to integrate curricular change across the member institutions of WWAMI, a regional medical educational cooperative that operates in five states across three time zones.
Stanford University School of Medicine is developing a virtual reality curriculum that provides an immersive and safe environment to educate fellows and residents on diversity and inclusion.

The University of Southern California Keck School of Medicine is creating an online digital health literacy curriculum for the medical education continuum.

**Shaping tomorrow’s leaders**

Physicians need the skills to lead change that will shape the modern health care system, improve outcomes and reduce disparities.

Consortium schools—such as the University of California, San Francisco, School of Medicine, Dell Medical School at the University of Texas at Austin and others—are integrating leadership training into curricula that will prepare today's medical students to become future leaders.

Additionally, another consortium member, Morehouse School of Medicine, has built and is strengthening its diversity pipeline and mentoring support. Approximately 75 percent of its students are from groups underrepresented in medicine. This consortium member has increased its class size and created a curriculum that allows for strong faculty-student interactions with longitudinal supervision by a limited number of faculty.

Another consortium school, the University of California, Irvine, School of Medicine, has developed #MDsToo, a student mistreatment prevention curriculum for faculty and residents.