Publications of the Accelerating Change in Medical Education Consortium

The AMA’s Accelerating Change in Medical Education Consortium works across the educational continuum with visionary partners to create bold innovations. Take a look at our publications to learn more about the innovations that have emerged from the transformative efforts in undergraduate and graduate medical education.

Journals

Medical Teacher supplement

The work of the American Medical Association Accelerating Change in Medical Education Consortium has advanced medical education reforms called for a decade ago, according to series of papers published in a special Medical Teacher supplement. The included papers explore:

- The successes, challenges and lessons learned by the consortium in working to deeply reform medical education by expanding the implementation of competency-based medical education
- Leveraging the power of information in delivering both care and education
- Viewing health systems science as a new form of professionalism in medicine
- Strengthening interdependence among educational programs, communities and health systems
- Aligning development of the health care workforce with societal needs and enhanced diversity
Medical students, residents and fellows making an impact, Special COVID-19 Edition: Submissions to the 2020 AMA Accelerating Change in Medical Education Health Systems Science Student, Resident and Fellow Impact Challenge

The intent of the 2020 AMA Health Systems Science Student, Resident and Fellow Impact Challenge (PDF), was to determine if health systems science—which is one of the most important innovations to emerge from the work of the AMA Accelerating Change in Medical Education Consortium—was aiding efforts to combat the COVID-19 pandemic, especially since medical students were removed from most clinical settings, medical education was disrupted for almost all learners and health systems faced unprecedented systemic challenges.

The entries that the challenge generated and included in this abstract book were astounding. They demonstrate that training in health systems science—the third pillar of medical education, along with the basic and clinical sciences—empowered medical students, residents and fellows to find meaningful ways to contribute to the pandemic response.

Medical Students Making an Impact: Submissions to the Accelerating Change in Medical Education Health Systems Science Student Impact Competition
The intent of the 2018 Accelerating Change in Medical Education Health Systems Science Student Impact Competition (PDF) was to determine if the medical students from Accelerating Change in Medical Education Consortium schools were improving health outcomes, practice sustainability and the lives of patients and physicians before they even graduated from medical school.

What kind of impact could a medical student have if they were armed with health systems science, the emerging third pillar of medical education, along with the other two pillars—clinical and basic sciences? The entries received and included in this abstract book far exceeded expectations.

Books

Health Systems Science, 2nd edition

The first textbook devoted to this emerging area, *Health Systems Science* now brings you fully up to date with today’s key issues and solutions. This increasingly important aspect of medical education explores how health care is delivered, how health care professionals work together to deliver that care, and how the health system can improve patient care and health care delivery.

Along with basic and clinical sciences, health systems science has become a crucial “third pillar” of medical science, with an emphasis on understanding the role of human factors, systems engineering, leadership and patient improvement strategies that will help transform the future of health care and
ensure greater patient safety.

In this second edition, new chapters, new exercises and new information help you acquire the knowledge and skills you need for success in today’s challenging health care system.

Health Systems Science Review

*Health Systems Science Review* is a first-of-its-kind review book designed to prepare future physicians and other health care professionals to function effectively within health systems by better understanding how health care is delivered, how health care professionals work together to deliver that care, and how the health system can improve patient care and health care delivery.

This study tool provides case-based questions followed by discussions of answers and suggested readings—making it a valuable review resource for medical students and instructors, as well as:

- Medical residents
- Nursing, allied health and public health students
- Hospital administrators

Coaching in Medical Education

Today’s medical school coaching programs integrate a wide variety of personalized goals—including professional identity formation and academic performance—as well as community building,
leadership and lifelong learning skills, clinical skills development and more. *Coaching in Medical Education*, part of the American Medical Association’s MedEd Innovation Series, is a first-of-its-kind, instructor-focused field book that equips educators to coach all learners and run an effective coaching program, increasing the likelihood of learner (and thus physician) success.

**Value-Added Roles for Medical Students**

Providing real-life clinical experiences and context to medical students is an essential part of today’s medical education, and the partnerships between medical schools and health systems are an integral part of this approach. *Value-Added Roles for Medical Students*, the second volume in the American Medical Association’s MedEd Innovation Series, is a first-of-its-kind, instructor-focused field book that inspires educators to transform the relationship between medical schools and health systems with authentic workplace roles for medical students, adding relevance to medical education and patient care.

**Master Adaptive Learner**

Tomorrow’s best physicians will be those who continually learn, adjust and innovate as new information and best practices evolve, reflecting adaptive expertise in response to practice challenges. As the first volume in the American Medical Association’s MedEd Innovation Series, *The Master Adaptive Learner* is an instructor-focused guide covering models for how to train and teach future clinicians who need to develop these adaptive skills and utilize them throughout their careers.


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