Enjoy the following sample of articles as we continue to expand this library of peer-reviewed articles.

**COVID-19 pandemic**


This perspective addresses how health systems science may improve medical education around uncertainty, particularly in relation to the COVID-19 pandemic.

Greenhouse AR, Goldstein RS, Bradley CD, Spell NO, Spicer JO, George MR. Student-faculty co-creation of experiential learning in health systems science. Medical Teacher. DOI: 10.1080/0142159X.2021.1994936

This paper outlines a patient outreach initiative co-developed by medical students and faculty during the early phases of the COVID-19 pandemic and integrated into a new experiential health systems science elective beginning May 2020. Students called patients identified as high-risk for adverse health outcomes and followed a script to connect patients to health care and social services. Subsequently, this initiative was integrated into the required third-year primary care clerkship.

**Faculty development**


This study assesses participants’ perceptions of the long-term impacts of the Teachers of Quality Academy, a medical school faculty development program designed to prepare faculty to both practice and teach health system science.
Health systems science


This qualitative study explores graduate medical education faculty observations of residents exemplifying successful practice across health systems science domains to inform targets for undergraduate medical education training and assessment.


This study evaluates the effectiveness of health systems science curricula by using a large dataset to link medical school graduates to internship Milestones through collaboration with the Accreditation Council for Graduate Medical Education.


This paper proposes a framework for the twenty-first century physician that includes an expectation of new competency in health systems science, creating ‘system citizens’ who are effective stewards of the health care system.


This article describes health systems science and highlights a schema crosswalk between health systems science and systems-related national competency recommendations, accreditation standards, national and local curricula, educator recommendations, and textbooks. It also articulates six rationales for the use and integration of a broad health systems science framework within medical education.

Gonzalo JD, Ogrinc G. Health Systems Science: The "Broccoli" of Undergraduate Medical Education.
This perspective explores student receptivity challenges to health systems science, including the marginalization of health systems science coursework, infancy of the health systems science field, relative nascent of curricula and educators, heterogeneity of pedagogies, tensions in students’ perceptions of their professional role, and culture of health systems science integration. The authors call for the reexamination of five issues influencing health systems science receptivity including student recruitment processes, faculty development, building a health systems science academic “home,” evaluation metrics, and transparent collaboration between medical schools.

Quality improvement


This article explores how often quality improvement project results presented locally are eventually disseminated through national/international presentation or peer-reviewed journal publication.

Systems-based practice


This paper identifies five areas of focus necessary to further evolve systems-based practice including comprehensive systems-based learning content, a professional development continuum, teaching and assessment methods, clinical learning environments in which system-based practice is learned and practiced, and professional identity as systems citizens.