

The Population Medicine Program: Solidifying Health Systems Science into Graduate Medical Education

Warren Alpert Medical School of Brown University

Health Systems Science
Population Medicine
Undergraduate and Graduate Medical Education

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Consortium projects

Projects for the next phase of the consortium:

Primary Care – Population Medicine Program (PC-PM)

(PC-PM): solidify and further develop this dual degree MD-ScM tract that incorporates the third science of medicine - Health System Science (HSS) - throughout all four years.

Patient Centered-Population Medicine in Graduate Medical Education (PC-PM-GME) Program

this proposed new project will engage a diverse cohort of GME programs in which selected residents and fellows will receive enhanced education, training and scholarship in HSS culminating with attainment of a Master of Science Degree (ScM) in Population Medicine.

Grant team members

- Allan Tunkel, MD, PhD: Senior Associate Dean for Education
- Paul George, MD, MHPE: Associate Dean for Education
- Jeffrey Borkan, MD, PhD: Assistant Dean for Primary Care-Population Medicine
- Michael Mello, MD: Professor and Director of Thesis Program
- Kristina Monteiro, PhD: Director, Assessment and Evaluation
- Elizabeth Smith, MBA: Assistant Director, Primary Care-Population Medicine
- Jeffrey Kulie, BA: Longitudinal Integrated Clerkship Coordinator

Building from our Initial Project: PC-PM

Brown's new initiative builds off our initial AMA-ACE project – the Primary Care- Population Medicine Program – which educates medical students to become physician leaders equipped to promote the health of individuals, communities and populations.

This four-year program, the first of its kind, awards both a medical degree and a Master of Science in Population Medicine and seamlessly integrates the Health Systems Science with the Basic and Clinical sciences over the 4 years of medical school. As part of the PC-PM program, we developed HSS and population medicine content as well as a longitudinal integrated clerkship (LIC) and thesis research.

This year the PC-PM program reaches a major milestone: inaugural PC-PM class of 15 students graduates with 9 entering primary care training.

The next phase of the project extends our commitment to Health System Science into Graduate Medical Education



Need/Gap Addressed

Although the initial efforts of the AMA's Accelerating Change in Medical Education Consortium have focused on spreading HSS to UME, this is only part of the challenge. We believe that it is critical for trainees at all levels to develop analytical skills and utilize life-long learning skills in gaining competency in HSS.

Our new PC-PM-GME project will engage residents and fellows from a variety of GME disciplines to create a model cohort in which various specialty fields can collaborate in multidisciplinary scholarly projects to improve care of patient populations and become academic leaders.

In addition, resident and fellow trainees would develop an HSS module or modules tailored to their

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