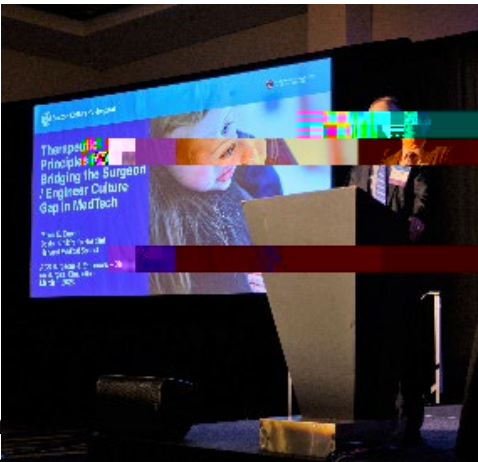


# ACS Surgeons and Engineers: A Dialogue on Surgical Simulation Meeting promoted the collaboration between surgeons, surgical educators, academic engineers, and the simulation industry to build better surgical simulators.

The full-day 2023 ACS Surgeons and Engineers: A Dialogue event featured speakers from 15 countries.

The keynote address, “Therapeutic Principles for Bridging the Surgeon / Engineer Culture Gap in MedTech,” was delivered by Dr. Pierre E. Dupont, Children’s Hospital, Harvard. Dr. Dupont discussed his academic engineering lab’s experiences when implementing research projects to achieve favorable outcomes in a clinical setting. He shared insights on navigating research projects through the commercialization process and how to foster collaboration between clinicians and engineers.



The Special Panel, “Building Productive Partnerships,” included three experts with significant experience in productive partnerships between surgeons and academic and industry engineers. The panel discussed their definition of an ideal simulator, realism, and metrics, barriers in building such simulators, and collaborative efforts in the future. This discussion will continue at the future Surgeons and Engineers meeting to explore how surgeons, surgical educators, and simulator engineers can collaborate to determine the essential aspects of building a simulator. Panelists included Dr. [Name], PhD, the founding director of the University of Illinois Urbana-Champaign’s Health Care Engineering Systems Center (HCESC).



