



HENRY FORD
HEALTH SYSTEM
INNOVATIONS



WE FIND OURSELVES THINKING ABOUT POSSIBILITIES. A LOT.

*Because every idea can make a difference, and every
breakthrough has an impact.*

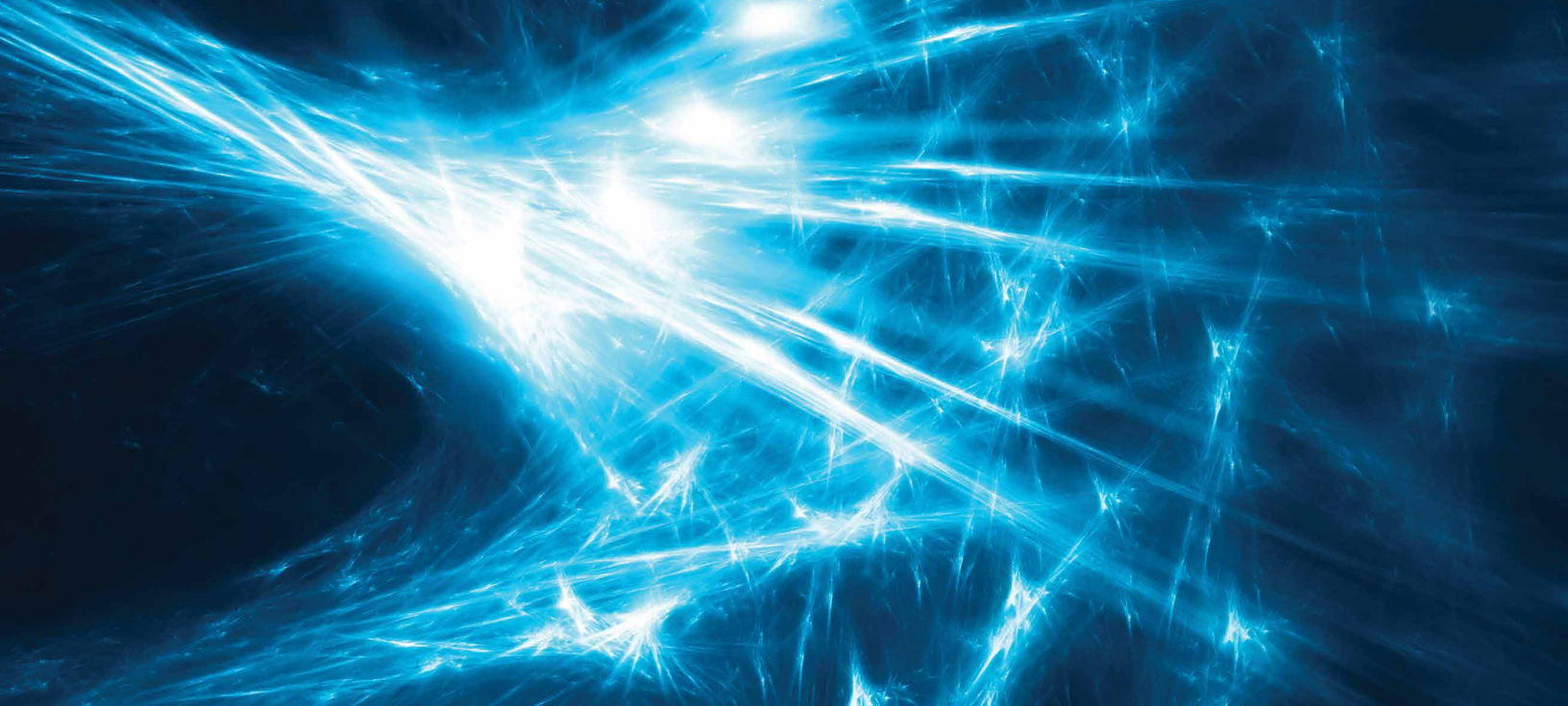
Henry Ford Health System Innovations turns great ideas into transformative products and services that benefit patients at home and globally. Heart advancements through 3-D printing, for example, or sensor technology to locate and direct patient transporters throughout an entire facility, or interactive nurse avatars who can repeat discharge care directions to patients as many times as needed – before the patient leaves the hospital and when she is home. There are lots more ideas where these came from – concepts that can revolutionize entire industries.

At Henry Ford Innovations, we harness our employees' ideas and leverage the system's vast resources to earn our place as a global leader in the field of medical innovation and technology commercialization.

From mission-based interventions aimed at improving internal delivery of patient care to global-scale, next-generation technologies and health care administration processes, our work is buoyed by research support from more than 200 in-house medical specialists and research scientists, and externally by academic and corporate partners.

Combining established corporate partnering and challenge programs that are open to innovators worldwide with the resources of Henry Ford Health System, we increase the speed of validation and adoption of medical technologies and care efficiencies regardless of origin.

THIS ALLOWS INNOVATION TO INSPIRE AND TRANSFORM.

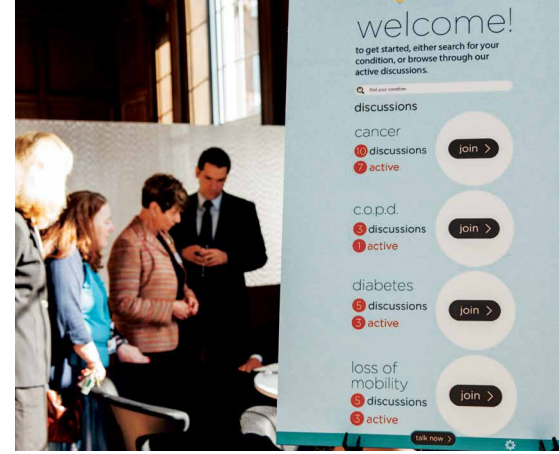
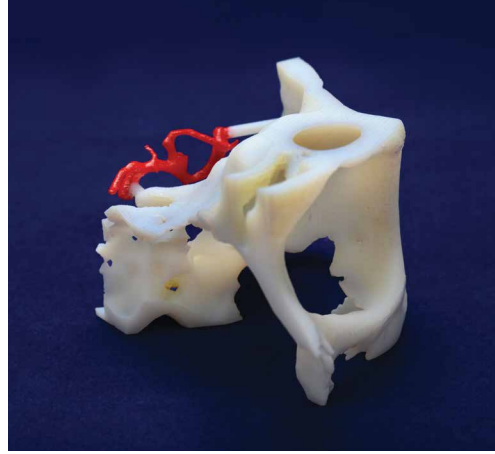


INNOVATION

Henry Ford Health System founder and automotive pioneer Henry Ford wasn't afraid to get creative, and neither are we. Henry Ford Health System is positioned to adapt to the rapidly changing world of technology and consumer-impacted health care. We combine research, innovation and clinical know-how, resulting in a powerful intersection that is shaping the direction of medicine.

Henry Ford Innovations rethinks the ways that problems get solved on every level. This immersive approach attracts and retains inquisitive physicians and clinical scientists, it translates leading-edge discoveries into clinical use, it serves as an economic growth engine for the region through commercialization and new business spin-offs, and it establishes partnerships with best-of-class corporate leaders.

Established in 2012, Henry Ford Innovations is the health system's commitment to the ideals of discovery. A transformative resource, its physical presence is embodied in the Innovation Institute on the campus of Henry Ford Hospital in Detroit.



INSPIRATION

As an independent research and educational entity, Henry Ford Innovations operates flexibly and rapidly, meaning it can quickly test and implement new inventions in areas from gene therapy to novel patient gowns. The resources, intellectual interdisciplinarity, seminars, programs and more, help Henry Ford Innovations find solutions to the most challenging medical issues.

WE ACCOMPLISH THIS THROUGH:

- Mission-based innovation, education and training for entrepreneurs where we foster a learning environment conducive to cultivating out-of-the-box solutions
- Academic partnerships where we prove the adage, “two heads are indeed better than one”
- International partnerships where the purposeful, confidential and directed exchange of ideas has the potential to produce astounding global results
- Corporate and small enterprise collaboration where each entity’s technological innovations and know-how are leveraged for maximum benefit

These strategies have the potential to produce revenue streams that over time will subsidize future pioneering efforts. Yet, we know from experience that costs are likely to consistently exceed revenue given the perpetual nature of innovation and the funding needed to stay at the forefront.

DIGITAL HEALTH INSPIRES EFFICIENCY

Digital health is the convergence of the digital technology revolution with the evolving world of health care. It is the extension of consumer technologies such as tablets and smartphones into the medical environment, the proliferation of low-cost sensor and diagnostic technologies into clinical care, and the implementation of social media and mobile communication frameworks into the course of treatment. Digital health solutions have the potential to streamline processes, lower costs and dramatically improve patient health and wellness.

The **Davidson Center for Entrepreneurs in Digital Health** brings together innovators, educators and corporate partners from around the globe to create the next generation of digital health care applications and platforms. It will train the leaders who will drive their implementation through:

- **INCUBATING** new digital technologies, apps, sensors and systems
- **PARTNERING** with global brands to promote digital health innovation through the “Davidson Challenges”
- **TRAINING** Digital Health Fellows with the entrepreneurial and technical skills needed to develop health care solutions
- **EDUCATING** middle and high school students to become the next generation of leaders in digital health



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