The Center for Remote Health Technologies and Systems is developing breakthrough remote health technologies, algorithms and health analytics as well as using advanced systems engineering to solve the global health grand challenges and enable healthy living. These powerful advances are not only helping to answer the critical needs of patients and providers, they are shifting the healthcare landscape from disease management to disease prevention.

Leveraging the expertise of authorities from a wide range of disciplines, the center provides a full-service approach to allow its partners to accelerate achievement of their goals by robustly navigating the challenging global health landscape. Researchers at the center are not only performing leading-edge research in remote health systems driven by societal and industrial needs, but also engaging global partners across the value chain including state, federal and regulatory agencies, the medical community, public health sectors and industry in an effort to further the design, development, testing and deployment of those systems.

**CENTER CAPABILITIES**

- Conducting innovative research and developing biomedical devices such as health-monitoring instruments, mobile platform devices, and wearables for health and fitness
- Performing bench-to-bedside advanced validation
- Developing next-generation global medical learning systems based on systems thinking approaches
- Supplying guidance and expertise to navigate the medical-regulated environment
- Engaging medical communities in design, development, testing and deployment in the United States and abroad
- Providing an excellent innovation ecosystem from a team with a proven track record of entrepreneurship
- Imparting excellence in education across all levels including inspiring and producing a diverse, next-generation workforce

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