Each day, one-fourth of the US adult population struggles with chronic illness – diabetes, glaucoma, hypertension. Chronic diseases disable individuals, burden families, and impoverish our communities. With the proper tools, however, many chronic diseases can be controlled. Millions of adults need to know, frequently and precisely, about their own health. Unfortunately, because of cost or location, many people do not have easy access to a physician or trained caregiver. The demand for high-quality, inexpensive health management remains unfulfilled. Our Team builds systems to monitor and control chronic diseases in underserved communities. We develop and produce low-cost, physician-tested technologies for personal health assessment. With community partners, we design and build convenient, transportable health-stations that meet local needs. Our solutions harness the existing manufacturing, communication, and transportation infrastructure. As a result, our systems are easily replicated in large numbers and can reach underserved communities rapidly.

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For additional information and to be added to the weekly e-mail for the series, please contact genehkim@umich.edu