



Wearables, Big Data, & Healthcare Innovation

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Friday, April 10 • 11 a.m. - noon
Wong Auditorium, MIT

In this presentation, MIT alumnus Todd P. Coleman (M.S. and Ph.D.) will discuss the complex challenges involved in developing and implementing a suite of tools that transforms “big data” into “small, relevant” data to aid decision-making in perinatal health and chronic disease management. He will:

- Describe how flexible, multimodal electronics can be combined with physiologically guided analytics algorithms to provide vulnerability profiles that can be efficiently implemented in the cloud;
- Explain how this suite of human-computer interface applications blurs the line between man and machine, while enabling humans and computers to play to their individual strengths;
- Offer thoughts on the challenges of interdisciplinary research, using examples involving professionals from electrical engineering, medicine, management, and design; and
- Discuss the socio-political and legal implications of this work and how they can be addressed.

We Invite You To Join Us . . .

A Q&A will follow the presentation in a nearby breakout room with lunch provided on a first-come, first-served basis.