

Brian Anthony

Dr. Anthony is the Co-Director of the Medical Electronic Device Realization Center and Associate Director of MIT.nano. With over 25 years of experience in product realization, Dr. Anthony designs instruments and techniques to monitor and control physical systems. His research group specializes in improving the usability and diagnostic capability and of ultrasound imaging. This work involves systems analysis and design, calling upon mechanical, electrical and optical engineering, along with signal processing, machine learning and optimization.

He has extensive experience in market driven technology innovation, product realization, and entrepreneurship and commercialization at the intersection between information technology, design, and advanced manufacturing. Dr. Anthony spent the first part of his career as an entrepreneur. He developed and directed the development of products and solutions for the industrial and scientific video markets. He has been awarded 20 patents, published over 75 peer-reviewed articles, and won an Emmy from the Academy of Television Arts and Sciences for innovations in sports broadcasting.