



Cassandra Thiel, MD

Dr. Cassandra Thiel is an Assistant Professor at New York University in the Grossman School of Medicine, the Wagner School of Public Service, and the Tandon School of Engineering. Her research utilizes life cycle assessment and principles of industrial ecology to analyze and improve the environmental performance of medical systems, hospital design, healthcare practice, and medical technologies. As a 2014-2015 Fulbright-Nehru Academic and Professional Excellence fellow, Dr. Thiel calculated the environmental footprint of cataract surgery at Aravind Eye Care System in southern India, finding that Aravind's carbon footprint for phacoemulsification was 5% of the same surgery done in the United

Kingdom. She received her PhD from the University of Pittsburgh and BS from Michigan Technological University, both in Civil Engineering. Her graduate training was supported by the Mascaro Center for Sustainable Innovation and an NSF Integrative Graduate Education and Research Traineeship (IGERT).