

Yolonda Colson, MD, PhD

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Dr. Colson is an attending cardiothoracic surgeon within the Division of Thoracic Surgery at Brigham and Women's Hospital, Director of the Women's Lung Cancer Program, and an Associate Professor in Surgery at Harvard Medical School. Her academic training includes a BS in Biomedical Engineering from Rensselaer Polytechnic Institute, an MD from Mayo Medical School and a PhD from University of Pittsburgh. Her surgical residency was at University of Pittsburgh before training in cardiothoracic surgery at Brigham and Women's Hospital. She is the 2006 Recipient of the George H.A. Clowes, Jr. Research Career Development Award from the American College of Surgeons, the first recipient of the Michelle Kessler Leadership Award in Women's Health, and a recent recipient of the Edward M. Kennedy Award for Health Care Innovation from CIMIT as Team Leader for the Cancer Advanced Technology Team.

With funding support from the NIH/NCI, the Center for Integration of Medicine and Innovative Technology (CIMIT), and the American College of Surgeons, Dr. Colson's research focuses on the development of unique mechanisms of polymer and nanoparticle drug delivery aimed at preventing cancer recurrence, and the investigation of novel methods to identify hidden tumor that has spread to nearby lymph nodes.