

Dr. James K. Carney, PhD
Senior Engineering Manager
Medtronic, Inc.

Biography:

Dr. Carney joined Medtronic, Inc. in 1990 and is currently the Senior Engineering Manager of the Sensor Technologies group. During his time at Medtronic, Jim has led the development of sensors and diagnostic monitors that are placed in the human body to enable the management of chronic diseases or provide input to therapy-giving devices. His responsibilities also include identifying and assessing new technologies that might be incorporated into implantable medical products. Prior to joining Medtronic, Jim worked at Honeywell's Sensors and System Development Center where he led research teams in a number of high technology programs including semiconductor lasers, GaAs ICs, and silicon MEMS. He received both a Masters and PhD in Electrical Engineering from MIT and his BSEE from the University of Notre Dame.