Thomas J. Webster
Associate Professor,
Divisions of Engineering and Orthopaedics
Brown University

Thomas J. Webster is an associate professor for the Divisions of Engineering and Orthopaedics at Brown University. His degrees are in chemical engineering from the University of Pittsburgh (B.S., 1995) and in biomedical engineering from Rensselaer Polytechnic Institute (M.S., 1997; Ph.D., 2000). Prof. Webster's research addresses the design, synthesis, and evaluation of nanophase (that is, materials with fundamental length scales less than 100 nm) materials as more effective biomedical implants. Prof. Webster is the current director of the Nanomedicine Laboratory (28 members) and has completed extensive studies on the use of nanophase materials to regenerate tissues. To date, his lab group has generated 5 textbooks, 29 book chapters, 121 invited presentations, 232 peer-reviewed literature articles and/or conference proceedings, 306 conference presentations, and 17 provisional or full patents. Some of these patents led to the formation of NanoVis, Inc. (Lafayette, IN) in which he serves as the Director of the Advisory Board. His research on nanophase materials has received attention in numerous recent media publications such as MSNBC (October 10, 2005); NBC Nightly News (May 14, 2007), and *Time Magazine* (to appear this Spring). His work has been on display at the London and Boston Science Museums. He is the founding editor-in-chief of the *International Journal of Nanomedicine* (the first international journal in nanomedicine). Other honors include: 2002, Biomedical Engineering Society Rita Schaffer Young Investigator Award; 2003, Outstanding Young Investigator Award Purdue University College of Engineering; 2005, American Association of Nanomedicine Young Investigator Award Finalist; 2005, Coulter Foundation Young Investigator Award; and 2006, Fellow, American Association of Nanomedicine.