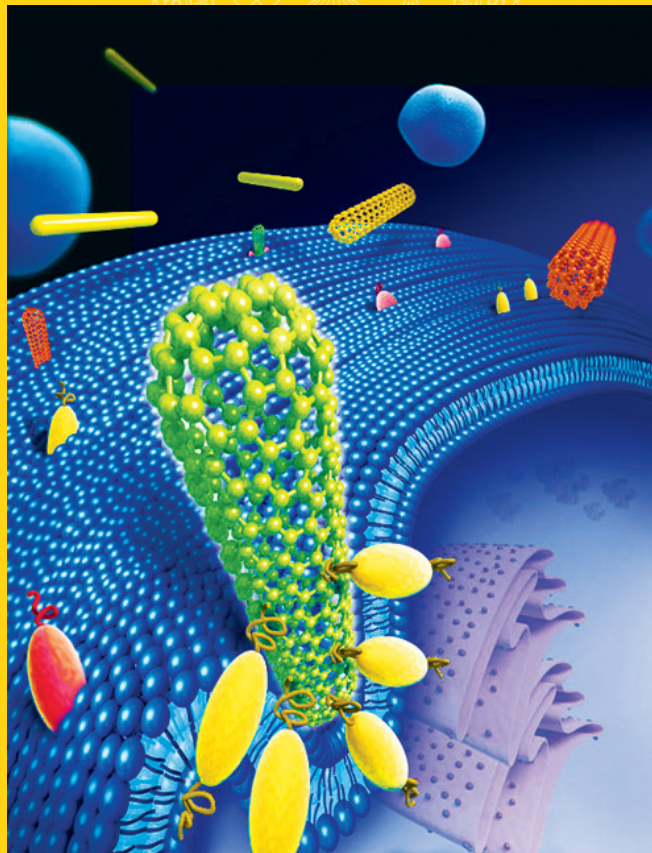


DAN AND CAROLE BURACK
PRESIDENT'S DISTINGUISHED LECTURE SERIES



MECHANICS OF CELL-NANOMATERIAL INTERACTIONS: APPLICATIONS IN NANOMEDICINE AND NANOTOXICITY

HUAJIAN GAO, PHD

Walter H. Annenberg Professor of Engineering, Brown University
Past Director, Max Planck Institute for Metals Research

Nanomaterials—including various types of nanoparticles, nanowires, nanofibers, nanotubes, and atomically thin plates and sheets—have emerged as possible building blocks for next-generation electronics, energy harvesting and conversion systems, nanomedicine, and more. There is an urgent societal need to understand the biological interactions and environmental impact of nanomaterials—which are being produced and released into the environment by nearly a million tons a year—as well as to explore applications of nanomedicine to treat cancer and other diseases.

Professor Gao received his PhD from Harvard University in 1988. He was Director of the Max Planck Institute from 2001 to 2006, when he was named Walter H. Annenberg Professor of Engineering at Brown University.

Date
October 4, 2018

Time
4:00–5:00 pm

Location
Waterman Memorial Lounge

Reception immediately following in
Waterman Manor

Sponsored by the Department of Civil and Environmental Engineering, with support from the departments of Physics, Electrical and Biomedical Engineering, and Mechanical Engineering
THIS EVENT IS FREE AND OPEN TO THE PUBLIC.

For more information: Professor Ting Tan, Ting.Tan@uvm.edu
For ADA accommodations: (802) 656-5665