Breakthrough research from post-doctoral scholars — from tissue-engineered human gut to bio-inspired robots — garnered Outstanding Paper Awards at the ASME Second Global Congress on NanoEngineering for Medicine and Biology (NEMB 2013). These award-winning papers were selected from among all eligible conference submissions by a committee of the conference organizers.

The Congress, held February 4 through 6 in Boston, focused on collaboration in the use of nanoscale engineering, medicine, and the life sciences to improve health care. The attendees represented a wide range of experts and peers from around the world, with 100 of the attendees hailing from countries spread from Singapore to Denmark. Programming included sessions in eight technical tracks and keynote and plenary sessions led by leading scientists, engineers, and clinicians in nanotechnology disciplines.

The following were presented with the 2013 ASME Outstanding Paper Awards:

**Track 1: Nanoengineering for Medical Diagnostics, Therapeutics and Imaging**


**Track 2: Nano-/Microfluidics in Biology and Medicine: Analysis, Diagnostics and Therapeutics**

Track 3: Nanoengineering for Regenerative Medicine and Tissue Engineering


Track 4: Manufacturing and Materials for Nanomedicine, Biology and Nanoengineering


Track 5: Multiscale Modeling and Experiment in Biology and Medicine


Track 6: Biological Nanomechanics: Materials Factors in Physiology, Disease and Treatment


Track 7: Natural, Biomimetic and Bioinspired Materials and Structures


Track 8: Nanotechnology and Public Health