



**Dr. Kenneth Kihm** is the University of Tennessee College of Engineering's **Magnavox Professor** in the Department of Mechanical, Aerospace and Biomedical Engineering.

The Magnavox Professorship was established in 1981 by the Magnavox Company, predecessor to NAP Consumer Electronics Corporation, to recognize faculty for superior teaching and research accomplishments.

A pioneer in the field of micro/nano fluidics and transport, Kihm studies the engineering properties for high throughput cytometry (mechanized counting and measuring) of target cells such as cancer and stem cells. He also examines nanoscale topology for cellular boundaries/surfaces and bio-nanoparticle tracking inside cells.

Kihm has established the Micro/Nano Fluidics and Energy Transport (MINSFET) laboratory, equipped with advanced optics, for interdisciplinary research combining mechanical engineering with biomedical, materials science and other areas of research. For additional information visit <http://minsfet.utk.edu>.

Kihm received his B.S. and M.S. in mechanical engineering from Seoul National University in Korea and his Ph.D. from Stanford University. He is a Fellow of the American Society of Mechanical Engineers.

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