

UMBC

AN HONORS UNIVERSITY IN MARYLAND
Department of Mechanical Engineering
Spring 2006 Seminar Series

Friday- March 3rd
ITE Building Room 229 at 2:30pm

Some Opportunities and Challenges in Microfluidics

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ABSTRACT:

Microfluidics deals with the flow of fluids in microscale systems. Recent developments in this field of technology have had a significant impact on a variety of industries. An overview of the applications of microfluidics to micropower generation, bioinstrumentation, aerospace and environmental sciences will be provided. The needs and technical challenges in each of the above areas and some aspects of the design of such systems will also be discussed in this presentation.

Refreshments will be served
Host: Prof. A. Anjanappa