THE UNIVERSITY OF HONG KONG

DEPARTMENT OF MECHANICAL ENGINEERING AND MEDICAL ENGINEERING PROGRAMME

SEMINAR

Title: **Enhancing Biomedical Engineering Education through Experiential Learning**

Speaker: **Prof. James Goh**
Department of Biomedical Engineering
National University of Singapore

Date: **29 April, 2014 (Tuesday)**

Time: **10:0 a.m. – 11:00 a.m.**

Venue: **Room 7-37, Haking Wong Building, HKU**

The aim of Biomedical Engineering undergraduate degree program is to produce engineers with strong foundation in engineering sciences that is relevant to biomedical field such that they are able to contribute to the biomedical industry through innovation, enterprise and leadership. The NUS educational program in Biomedical Engineering is characterized by a strong emphasis on scientific and engineering fundamentals and a high degree of flexibility which can provide a wide diversity of educational experiences. We have created opportunities for students to have cross-discipline exchanges with staff and students from Biological Sciences to broaden their understanding and knowledge, consequently stimulating them to think about engineering principles in biological systems. We have also incorporated in our BME Design modules with requirement for innovations. To further enrich our students' "real world" learning experience, we have developed a number of enhancement programs, such as the Industrial Attachment Program, Vacation Internship Program and Technopreneurship & Incubation Program. In the face of globalization, cross-cultural communication is becoming more and more important. Therefore, we have Special Programs like the NUS Overseas Colleges which allows students to work with a company overseas for up to one year. By providing graduates with a combination of broad-based fundamentals and specialized knowledge, our Biomedical Engineering program strives to graduate versatile biomedical engineers who would be best positioned to innovate and lead, and contribute to the delivery of better healthcare technology.

ALL INTERESTED ARE WELCOME.

For further information, please contact Prof. Min Wang at 2859 7903.