SEMINAR ANNOUNCEMENT

from

The Cancer Epidemiology & Prevention Program of the University of Pittsburgh Cancer Institute

Thursday, May 19, 2016
12:00 - 1:00 pm

Hillman Cancer Center - Cooper Conference Center, Classroom B

“The role of computer intelligence in lung cancer screening, diagnosis, and therapy (surgery)”

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In this talk, I will present my previous and ongoing efforts in computerized lung cancer detection, diagnosis, and therapy (surgery) based on Computed Tomography (CT). Given the high volume characteristics of chest CT images, automated intelligence is extremely desirable even a must to extract the rich, meaningful information from the images, thereby leading to accurate diagnosis of early lung cancer and facilitate optimal therapy by integrating with information from other modalities. Real examples will be used to demonstrate the strength / performance of our developed algorithms. In addition, I will explain the framework of a concept called imagenomics and justify its importance for precision medicine.

Hosted by: Drs. Thomas Kensler & Jian-Min Yuan
LIGHT REFRESHMENTS PROVIDED
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