



Announcing

**A Seminar Presentation
on April 18, 2013 at 4:30 pm**

Henry Lee Institute 103

at The University of New Haven

Speaker: Dr. Trachette Jackson

Department of Mathematics
The University of Michigan

**Title: The Evolution of Computational Models
of Tumor Angiogenesis**

Abstract:

Motility is a fundamental property of cells. Coordinated motility of endothelial cells that reside on the inner surface of blood vessels leads to a critical bifurcation point in cancer progression: tumor angiogenesis. Successful angiogenesis is a consequence of biochemical and biomechanical signal integration across multiple levels of biological organization, and several temporal and spatial scales. A major challenge facing the cancer research community is to synthesize known information in a way that improves our understanding of the mechanisms driving tumor angiogenesis and that will advance efforts aimed at the development of new therapies for treating cancer. In this talk, several mathematical models of tumor angiogenesis will be explored and recent advances will be highlighted.

Further Information

Please note that this seminar rescheduled from April 11 in the Henry Lee Institute 301 to April 18 in Henry Lee Institute 103 for 4:30pm.