



Department of Biomathematics Seminar Series:
Frontiers in Systems and Integrative Biology

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Real Cardiovascular Problems Resolved by Mathematics and Realized by Knitting



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on a sabbatical at Department of Surgery at Stanford

Thursday, December 10, 2015

4:00 PM

A2-342 MDCC, Moss Auditorium

Marion Davies Children's Clinic

ABSTRACT:

We will present four different cardiovascular problems that all were stated by vascular surgeons. We addressed them using highly diverse mathematical “approaches” and suggest “solutions”. Various knitting techniques was used to make textile prototypes of three of the solutions. The fourth one is a very old problem about wound healing and unfortunately still a bit open.

Host: Van Savage, Ph.D.

To receive e-mail seminar notices, contact David Tomita (dtomita@biomath.ucla.edu)