

You are cordially invited to attend the

Applied Mathematics Seminar

Friday's, noon, in DON 2159

Friday, August 29

Undergraduate Research Poster Presentations

SUNYIT STEM UR Summer 2014

Ocular Blood Flow Modeling

and

Retinal Image Processing

by Students from Applied Mathematics, Engineering, and Computer Science: Saw Franco, Zach Harvey, James Huchital, Paul Lastowicka, Joe Pasqualetti, Daniel Yaciuk

One of our areas of interest this semester will be image processing, especially the segmentation of fundus images. We are exploring different computational environments, including C++ and Java and their available libraries. One of our goals is to perform image processing on mobile device.

Time permitting we will also cover topics from current research in the areas physical based mathematical modeling and structure preserving numerical methods.

