

Dear Faculty, IGERT Fellows, IGERT Associates and Students,

You are cordially invited to attend a Seminar presented by Jillian Larson.
Please plan to attend.

Jillian Larson

IGERT Fellow

Date: Friday, October 24, 2014

Location: Bourns A265

Time: 11:00am

The Colored Revolution: An Introduction to Fluorescence Microscopy

Abstract:

Fluorescent probes for biological systems have become an indispensable tool for understanding the structure function relationship within a cell. In this seminar, I will present the main aspect of modern fluorescence microscopy and highlight the various optical components within these systems. The processes occurring at a fundamental level will be focused on as well as a historical account of the evolving field. The various types of microscopy will be detailed in addition to the signaling processing requirements involved. And finally, the challenges and present developments of this field will be addressed.

