

Biomedical Imaging: *Molecules to Man I*

A New Interdisciplinary Course and Seminar (2 credits)

based on the:

USC Provost's Biomedical Imaging Sciences Initiative

Spring Semester 2006: Pharm Sci 599

Tuesdays 10 AM -12 noon

Directors: Professors Colletti, Hamm-Alvarez, Wolf

Narrative: This is part I of a two semester *interdisciplinary* course and seminar representing the scope of the Provost's Biomedical Imaging Science Initiative where students will learn the principles and applications of biomedical imaging science. The first semester will emphasize basic principles and cellular and molecular imaging. Class meets weekly, Tuesday 10 AM -12 N, with introductory lectures and presentations by USC experts and visiting professors. Sessions will be available on videolink to participants at HSC and UP.

Requirements: This *interdisciplinary* offering has no specific prerequisites. Homework assignments may be completed with easy-to-use ImageJ software. Each student who takes the course for credit will complete a project for presentation at the end of each semester. Participants who audit the course will be offered the option of also completing a project and making a presentation.

