EE 598: Electrical Engineering Research Seminar
Fall 2012 & Spring 2013

Medical Imaging Seminar Series

(sponsored by the Ming Hsieh Institute)

Time/Location:	Tuesdays, 2-3pm EEB 248 (most days), USC University Park Campus
Instructor:	Prof. Krishna Nayak, knayak@usc.edu, (213) 740-3494 EEB 406, Office Hour: Tuesdays 4-5pm
Prerequisite:	Enrollment as a PhD or MS student in EE or BME Interest in Medical Imaging
Helpful Prep:	BME 525 Advanced Biomedical Imaging BME 535 Ultrasonic Imaging EE 591 Magnetic Resonance Imaging and Reconstruction EE 592 Computational Methods for Medical Imaging

This course will consist of 50 minute weekly seminars given by outside experts, faculty, and sometimes senior PhD students. These will be followed by 20-30 minutes of group discussion. Topics will vary from week to week, but the overall content for each semester will involve aspects of bio-medical imaging, including physics, data acquisition, image reconstruction, post-processing, and data analysis.

Enrollment for PhD and MS students is automatic. Undergraduates may enroll with Instructor permission. They should include a brief statement about why they are interested in taking a research seminar course, and summarize their interests in medical imaging.

Grading

- Registered students are required to attend at least 75% of the seminars, and are required to submit brief written summaries of what they learned after each seminar. Attendance will be taken at the start of each seminar, so be on time!
- Each registered student must also write a more detailed analysis of 1-2 seminars of their choice during the semester.

STUDENTS WITH DISABILITIES:
Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. DSP is located in STU 301 and is open 8:30 a.m. – 5:00 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.