MEDICAL GENETICS

This selective will cover a broad range of topics in medical genetics over 10 lunch-hour lectures (roughly one per month September – May). Subject matter to be covered includes: cases in Pediatrics, Internal Medicine, Surgery, pharmacogenetics, OB/Gyn prenatal genetic diagnosis, the BRCA genes, gene patenting, and ethics. We will also incorporate clinical experience by providing shadowing opportunities in the UCLA Genetics clinic. This overlaps with the Genetic Interest Group (GIG)

Course Chair: Katrina Dipple, M.D., Ph.D., is a board certified clinical geneticist and clinical biochemical geneticist. She did her M.D./Ph.D. at Indiana University, and then both Pediatric and Genetics residencies at UCLA. She has been on the faculty for 15 years and does clinical work in genetics as well as basic research in the mechanisms of genetic disorders.

Course Coordinators:

Student Requirements: Students will be required to attend at least seven lectures, and have one shadowing experience. Due to the nature of the selective, make-up sessions will not be provided but can be made up the next academic year.

Teaching Methods: Discussions and Clinical Experience

Enrollment: Maximum of 20 students

Sponsoring College: Primary Care College

Schedule: Lunchtime talks will start in September 2016 and run through May 2017

Location: CHS

Learning Objectives:

Understand basic genetic principles and how they affect patient care

Discuss the ethical dilemmas that arise in discussing and treating patients with genetic disorders.

Discuss two clinical genetics patients that you saw in the clinic.

Describe the role of medical genetics in other specialties including surgery, Ob/Gyn, family medicine, and pediatrics.