

# GENE-310: Seminar in Genetics

This course is offered each semester and current residents are invited to register continuously. Course format involves student participation in group discussion and article presentation each class period. The course is designed to focus on acquiring familiarity with current research in basic, clinical, and translational genetic disorders presented in various peer reviewed journals. The format promotes developing skillsets for; gathering, organizing, validating, and interpreting data of peer reviewed articles in molecular, biochemical, clinical, and population genetics. Students will develop the knowledge base to identify and compare the quality of molecular techniques and analytical tools used to perform research. The goal is to acquire skills to employ information from peer reviewed publications as a guide to understanding molecular evolution and forming individual research hypothesis.

**Credits:** 2

**Program:** Genetics