

CANCER CENTER (CNCR)

CNCR 501. Translational Cancer Research A. 1 Unit.

In this course Case K12 Paul Calabresi Scholars will learn about the steps to receive an IRB approval for their research proposal and clinical trials; how to design and conduct clinical trials-designing a protocol, developing a research question, the purpose of the LOI, funding and budget issues, working with pharmaceutical companies; essential writing skills for successfully submitting a manuscript for publication in a peer reviewed journal. The class will discuss Social Intelligence and the Biology of Leadership by Goleman and Boyatzis; the scholars will learn about the Case Cancer Center Core Facilities services and resources which are available for their research projects. Topics also include the expectations of the K12 CORP program and essential elements for advancing their academic and research career. Recommended preparation: Acceptance to Case K12 Clinical Oncology Career Development Training Program as Paul Calabresi Research Scholar.

CNCR 502. Translational Cancer Research B. 1 Unit.

In this course Case K12 Paul Calabresi Scholars will learn how to manage clinical trials; including staffing, multi or single site, contracting issues, translation and incorporation of laboratory research/correlative science into clinical trials design, getting involved with ECOG. The scholars will learn about mentored and independent funding resources, how to select the appropriate mechanism, and strategies for successful grant submissions and resubmissions. They will learn how to present research and clinical trials progress orally and written to peers/faculty for evaluation by making two PowerPoint presentations: one to the class and their two K12 mentors and a second to the K12 CORP Advisory Committee for written evaluation. Both of these sessions will be videotaped and a copy of the tape will be reviewed with the scholar. Each scholar will also provide a written summary of their research to date along with their goals for the next 12 months on April 1. Recommended preparation: Acceptance to Case K12 Clinical Oncology Career Development Training Program as Paul Calabresi Research Scholar.

CNCR 503. Translational Cancer Research C. 1 Unit.

In this course each Case K12 Paul Calabresi Scholar will present a summary of their experience from attending either the ASCO/AACR or ASH Clinical Trial Protocol Writing Workshop; two sessions will cover how to write a research proposal-hypothesis, specific aims, methods, and study design. Each scholar will write a sample research proposal which will be critiqued by the other members of the class; two sessions will cover the organization and analysis of biostatistic data used in research. One of these sessions will be a working session based on the scholar's own data. The scholars will learn about the essential components and issues in developing a successful career in clinical and translational research. Recommended preparation: Acceptance to Case K12 Clinical Oncology Career Development Training Program as Paul Calabresi Research Scholars.

CNCR 504. Translational Cancer Research D. 1 Unit.

In this course Case K12 Paul Calabresi Scholars will discuss an article on essential components of leadership in an academic and clinical setting; how to advance their clinical research career to the level that they can present at the ASCO national conference; learn how to present research and clinical trials progress orally and written to peers/faculty for evaluation by making two PowerPoint presentations: one to the class and their two K12 mentors and a second to the K12 CORP Advisory Committee for written evaluation. Both of these sessions will be videotaped and a copy of the tape will be reviewed with the scholar. Each scholar will also provide a written summary of their research and date along with their goals for the next 12 months on April 1. Recommended preparation: Acceptance to Case K12 Clinical Oncology Career Development Training Program as Paul Calabresi Research Scholar.