**Job Summary**

To use their training in biology, biochemistry and molecular biology to design and execute experiments related to an NIH-sponsored research project in the lab. The focus of the laboratory is to investigate NIH-funded projects in cancer initiation, progression and drug/therapy resistance. Available projects include: 1. Investigate new mechanisms of resistance in lung cancer to targeted therapy and radiation treatments with the goal of improving targeted therapy and radiation; 2. Investigate novel mechanisms of ovarian cancer development, study acquired resistance to key drug treatments, and identify new biomarkers and therapeutic targets for overcoming treatment resistance; or/and 3. Study mechanisms of lung carcinogenesis induced by chromium, key environmental carcinogens.

- Collects and assembles data for any type of oral or written presentation.
- Independently develops scientific hypotheses related to ongoing research work in the laboratory.
- Independently designs experiments to identify new molecules regulating therapeutic resistance.
- Independently carries out or delegates procedures for experiments.
- Analyzes results of experiments independently.
- Independently prepares oral and written reports for the P.I. on research to include, but not limited to: coherently and effectively communicating our laboratory research by writing abstracts, manuscripts, grant proposals and data reports for grants and oral presentations with corresponding slide presentation for PI, local and national meetings.
- Performs routine and more difficult procedures, analyzes data and coherently presents results in the form of presentations, abstracts, manuscripts and the basis for grant writing, preparation and submission.

**Job Requirements**

PhD or MD required. Previous experience in an academic lab setting preferred. Interested candidates should apply to job id# 9260563 at www.jefferson.edu/hr and include their CV and 3 references.