



Federal Work Study Program Position Description

NAME OF THE POSITION: Research Assistant
CLASSIFICATION: Federal Work Study
EMPLOYER: Charles Drew University
DEPARTMENT: Endocrinology
LOCATION: Hawkins 3084
WORK HOURS: TBD
RATE OF PAY: \$15/hour
SUPERVISOR: Shehla Pervin
CONTACT INFO: shehlapervin@cdrewu.edu

PURPOSE/ROLE:

THE STUDENTS WHILE STUDYING WILL SPEND 15-20H/WEEK IN THE LABORATORY TO LEARN TECHNIQUES NECESSARY TO PERFORM BREAST CANCER RESEARCH. THE STUDENTS WILL ALSO LEARN THE LOGISTICS AND RATIONAL FOR THE ONGOING EXPERIMENTS IN THE LABORATORY. THE STUDENTS WILL PERFORM SOME OF THE TECHNIQUES, BECOME A PART OF ONGOING RESEARCH PROJECTS AND BE AN AUTHOR IN THE MANUSCRIPTS.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

THE STUDENTS WILL CULTURE BREAST CANCER CELLS, TREAT THE CELLS WITH INHIBITORS, PERFORM WESTERN BLOT ANALYSIS, EXTRACT CELLULAR RNA AND PERFORM RTPCR.

EDUCATION:

Students enrolled in undergraduate or Post Bac programs in Charles Drew University.

MINIMUM EXPERIENCE/QUALIFICATIONS:

No research experience is necessary. We teach the students all the necessary skills and techniques necessary to perform the experiments.

COMPUTER SKILLS:

Minimum skills like typing and making power points is necessary.

WORK ENVIRONMENT:

All the teaching and learning will take place in the laboratory where the necessary equipment is present.

PHYSICAL DEMANDS:

The students perform most part of the experiments on the benches while sitting. For a few parts of an experiment they have to stand to complete them.

MENTAL DEMANDS:

The ability to perform highly detailed work with sustained attention and care while providing/obtaining information on numerous tasks is paramount to success in this position.

Able to work effectively and concurrently on unrelated tasks; use of sustained concentration and decision-making processes. Constant calculating, reasoning, judgment, resourcefulness, analytical ability, and ingenuity. Able to prioritize work for best outcomes.

*The above statements are intended to describe the general nature and level of work being performed.
They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified.
I understand that CDU at its sole discretion may change this description or any of its components at any time.*

Supervisor: Shehla Pervin **Date:** _____

Employee: _____ **Date:** _____