

## Job Summary:

Under the direction of a Project leader or Principal Investigator, perform research consisting of a variety of complex analytical and technical laboratory experimentation and/or direct a small group of research technicians in the performance of research activity. Requires the application of complex methods and procedures where independent judgment is normally required. Research is related to the analysis of signal transduction pathways in human melanoma.

<https://research.jefferson.edu/labs/researcher/aplin-laboratory.html>

- Perform research in the laboratory of a principal investigator
- Perform literature search and publish the results of their research
- Perform a variety of complex, analytical and technical laboratory experiments, analysis and other duties as required in the study, diagnosis and treatment of disease and/or pure research work following established methods and procedures where independent judgment is required.
- Present findings of ongoing research at lab meetings, research progress seminars, professional meetings and conferences.
- Apply to various sponsoring agencies for fellowships that are related to the focus of the research project
- May direct a small research project or specific portions of a larger project, evidencing initiative and independent contribution to project goals.
- Participate in the preparation of proposals for funded research.
- Responsible for performing research activity on one or more specific areas of research requiring application of research practices to cases not previously covered.
- Implement established standards and procedures in pursuit of research project objectives.
- Design and coordinate the application of appropriate research methods and techniques.
- Participate in the planning, organizing, coordinating and control of research projects
- Within established parameters, revise and/or develop new procedures.
- Will be responsible for the accurate control and recording of experimental variables being investigated.
- Provide direction, training and supervision of students, residents, clinical fellows or others engaged in research if required.
- Other duties as assigned.

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**Required Qualifications:** Must have received prior to appointment, a doctoral degree in biomedical science, e.g., PhD, MD, DDS, DMD, DVM, or comparable doctoral degree from an accredited domestic or foreign institution.

Basic laboratory skills and graduate knowledge to effectively perform assigned and independent research is required. Expertise in molecular biology, protein biochemistry and tissue culture is required.

To apply, submit your application to [www.jefferson.edu/hr](http://www.jefferson.edu/hr) and reference Job ID# 9248140