

Opportunity Title: NIH Laboratory of Myeloid Malignancies Fellowship

Opportunity

Opportunity Reference Code: NIH-NHLBI-LMM-2022-0002

Organization National Institutes of Health (NIH)

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How to Apply Click on *Apply* below to start your application.

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Description The National Institutes of Health (NIH) is offering a research opportunity for college students and postgraduates to participate in research projects and developmental activities at the Laboratory of Myeloid Malignancies (LMM) of the National Heart, Lung, and Blood Institute (NHLBI) in Bethesda, Maryland.

The Laboratory of Myeloid Malignancies (LMM), led by Dr. Christopher Hourigan, focuses on three complementary approaches that are united by an overriding theme of performing translational human immunology research in order to find ways to detect, prevent, and treat acute myeloid leukemia (AML) relapse. The LMM has world-leading expertise in proteogenomic single cell sequencing and ultra-deep next-generation sequencing for acute myeloid leukemia (AML) measurable residual disease (MRD).

What will I be doing

As a participant, you will be training in proteogenomic single cell sequencing and ultra-deep next-generation sequencing. Through the training at LMM, you will be exposed to a project that involves the implementation of advanced high-sensitivity DNA and RNA-sequencing workflows developed by the laboratory. You will learn these advanced genomic methods to quantify acute myeloid leukemia (AML) measurable residual disease (MRD), which will expand any knowledge or experience with traditional flow cytometry based methods you may have had. You will have a unique opportunity to utilize these skills as part of several high-profile collaborations involving patient sample, and will further your knowledge of AML MRD that you may already have.

Where will I be located?

Bethesda, MD

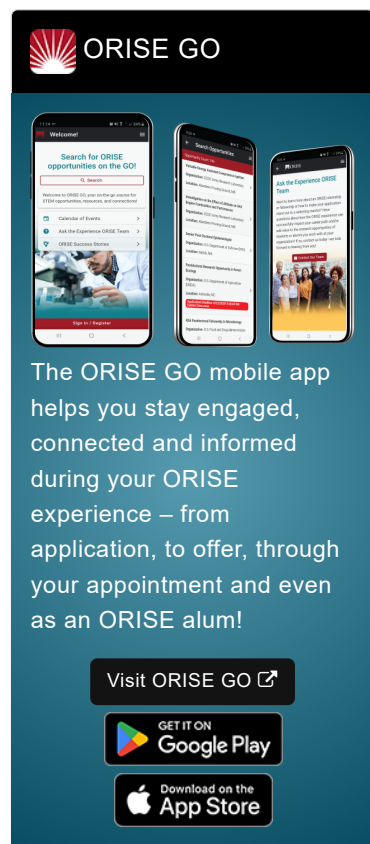
What is the anticipated start date?

August 2022

Nature of the Appointment

This program, administered by Oak Ridge Associated Universities (ORAU) through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and the National Institutes of Health (NIH). Participants do not become employees of NIH, CDBC, NHLBI, ORAU, ORISE, DOE, or any other agency, and there are no employment-related benefits. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

While participants will not enter into an employment relationship, this opportunity will require a



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suitability/background investigation by NIH. Any offer made is considered tentative, pending favorable outcome of the investigation.

Qualifications The qualified candidate should be currently pursuing or have received a Bachelor's, Master's or Doctoral degree in one of the relevant fields. If more than five years since receipt of degree, applicant must have an academic background and experience in a relevant field and must be seeking to gain new knowledge/experience in order to expand career opportunities or to advance professionally.

Preferred Skills:


- Exceptional organizational and problem-solving skills.
- Strong team player who performs equally well independently.
- Some knowledge of traditional flow cytometry based methods

A complete application consists of:

- Completed profile
- Completed application questions specific to the opportunity posting
- Transcript(s) – Click [here](#) for detailed information about acceptable transcripts.
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list.
- One (1) recommendation - Applicants are required to provide contact information for at least one recommendation in order to submit the application. You are encouraged to request a recommendation from a professional who can speak to your abilities and potential for success as well as your scientific capabilities and personal characteristics. Recommenders will be asked to complete a recommendation in Zintellect. **Recommendation requests must be sent through the Zintellect application system; Recommendations submitted via email will not be accepted.** Recommendation must be submitted before an offer is made.

All documents must be in English or include an official English translation, and must be submitted via Zintellect. Documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.

If you have questions, send an email to NIHprograms@orau.org. Please include the reference code NIH-NHLBI-LMM-2022-0002 for this opportunity in your email.

- Eligibility Requirements**
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
 - **Discipline(s):**
 - Life Health and Medical Sciences ([7](#) )