

Opportunity Title: Research Opportunity at the National Heart, Lung, and Blood Institute

Opportunity Reference Code: NIH-NHLBI-2020-0003

Organization National Institutes of Health (NIH)

Reference Code NIH-NHLBI-2020-0003

How to Apply A complete application consists of:

- An application
- Transcript(s) – For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. All transcripts must be in English or include an official English translation. Click [here](#) for detailed information about acceptable transcripts.
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional recommendations

All documents must be in English or include an official English translation.

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

Description *Applications will be reviewed on a rolling-basis.

A research opportunity is currently available with the Cardiovascular Branch of the National Heart, Lung, and Blood Institute (NHLBI) located in Bethesda, Maryland.

The Cardiovascular Branch conducts research on diseases that affect the heart and blood vessels. Specific projects aim to answer clinically relevant questions using methods ranging from molecular level studies to clinical projects in diagnostics, therapeutics, and interventions. The Branch places a strong emphasis on creating an environment where scientists and physician scientists can work together on disease-specific issues using the most appropriate approaches available in the spectrum between the bench and the bedside. This basic research helps fuel scientific discovery that may one day help advance research related to heart, lung, blood, and sleep conditions or other fields.

The Social Determinants of Obesity and Cardiovascular Risk Laboratory, led by Dr. Tiffany Powell-Wiley, focuses on the social determinants of obesity and obesity-related cardiovascular risk factors that contribute to racial and ethnic disparities in cardiovascular disease. Dr. Powell-Wiley's hope is that through a better understanding of how socioeconomic, psychosocial, and environmental factors impact obesity as a cardiovascular risk factor, she can develop interventions to reduce obesity and improve cardiovascular health tailored to community-based environments.

This project involves immunometabolic phenotyping of the primary immune cells extracted from clinical study candidates and helping to identify and characterize molecular pathways governing these effects. The selected participant would also be involved in assessing whether health behavior intervention studies that can lead to obesity or psychosocial stressor amelioration will rescue these aberrant regulatory and immunometabolic pathways.

Start date is flexible.

ORISE is continuing normal program operations during the COVID-19 pandemic. This opportunity will be offered as long as the NIH Laboratory is able to complete the onboarding process and ensure a meaningful experience to participants. We encourage you to apply and submit your



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application as soon as possible. Updates to this opportunity will be provided on this page as needed.


This program, administered by 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 Heart, Lung, and Blood Institute (NHLBI). The initial appointment can be up to one year, but may be renewed upon recommendation of NHLBI contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. A health insurance allowance and a travel allowance up to \$2,500 will be provided. Proof of health insurance is required for participation in this program. The appointment is full-time at NHLBI in the Bethesda, MD, area. Participants do not become employees of NIH, NHLBI, DOE or the program administrator, and there are no employment-related benefits.

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.

Preferred skills:

- Exceptional organizational and problem-solving skills
- Strong team player who performs equally well independently

Eligibility Requirements

- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Discipline(s):**
 - **Life Health and Medical Sciences** ([5](#) )