The Foundations of Health Research Center (FHRC) is within Northwestern University’s Institute for Policy Research. Through a people-centered lens, we research the health effects of inequality and influencers of health disparities. Our researchers are published in high-impact journals like the Proceedings of the National Academy of Sciences, JAMA Pediatrics, and more (see publications here). We are a team that celebrates the contributions of diverse backgrounds towards breakthroughs in Health Psychology. Learn more about our work at www.foundationsofhealth.org.

FHRC is currently accepting applications for a Research Technologist 2 (41854) position. This is an position for our wetlab team. This team conducts biological assessments and investigations for multiple NIH-funded studies. Our studies focus on risk and protective factors that contribute to health disparities. This position requires excellent communication skills, professionalism, and reliability with the wetlab team. Empathy, flexibility, and understanding are key skills required for success in this role.

To apply, submit resume and cover letter here. Make sure to apply to the job with ID 41854. Reach out to Rebekah.siliezar@northwestern.edu or shohreh.racisi@northwestern.edu for questions about the position.
Department: IPR - Inst for Policy Res
Salary/Grade: NEX/11

Job Summary:
Conducts experimental research lab work and/or assists in design of one or more specific phase(s) of entire project(s). May complete mathematical calculations, and/or computer tasks and/or assist in judging validity of data. Follows appropriate protocols, policies, procedures, regulations, Good Clinical and Good Laboratory Practices. This position will be a research technologist 2 in the Foundations of Health Research Center. This group has multiple ongoing NIH-funded studies that attempt to identify the psychosocial and biological pathways that underlie socioeconomic disparities in health. The Research Technologist's major responsibilities will include phlebotomy, specimen processing, cell isolation, cell culture, immunoassays, flow cytometry, as well as organizing data, and lab maintenance.
This is a termed position with an end date of 5/31/2023. Opportunity for renewal will be based on performance and available funding.

Specific Responsibilities:
- Following protocols, designs, sets-up and conducts basic experiments.
- Analyzes and troubleshoots protocols and data obtained from individual experiments and recommends alternatives and suggestions to improve processes, validity and/or accuracy.
- Using a fully functioning level of skill, completes the following activities
  - Molecular Biology:
    - DNA, RNA, Protein isolation, purification and expression
  - Cellular Biology:
    - Cell culture, cell isolation
  - Immunology:
    - Flow cytometry
    - ELISA, Elispot assay
    - Cytokine assay
  - Administration
    - Maintains detailed records of results which may include collecting, extracting & entering data.
    - Manipulates, interprets &/or presents results.
    - Prepares charts & graphs for presentations & publications.
    - Performs scientific literature searches in support of research.
    - Completes portions of grant applications, manuscripts & publications.

Supervises
- Trains students.

Miscellaneous
- Performs other duties as assigned.

Minimum Qualifications:
- Successful completion of a full 4-year course of study in an accredited college or university leading to a bachelor's or higher degree in a scientific major or related; OR appropriate combination of education and experience.

Minimum Competencies: (Skills, knowledge, and abilities)
- Demonstrated laboratory experience;
- Demonstrated ability to follow detailed instructions as required by research protocols;
- Demonstrated computer skills, including spreadsheets and basic computations;
- Attention to detail and accurate record keeping;
- Ability to work independently and in a team environment;
- Manual dexterity.

Preferred Qualifications:
- Bachelor's degree, at least 2 years experience in immunology research lab

Preferred Competencies: (Skills, knowledge, and abilities)
- ELISA, Flow cytometry, cell culture
The Northwestern campus sits on the traditional homelands of the people of the Council of Three Fires, the Ojibwe, Potawatomi, and Odawa as well as the Menominee, Miami and Ho-Chunk nations. We acknowledge and honor the original people of the land upon which Northwestern University stands, and the Native people who remain on this land today. Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Click for information on EEO is the Law.