

December 9, 2021

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 3 (42881)** position. This is a 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 **42881**. Reach out to Rebekah.siliezar@northwestern.edu or shohreh.raeisi@northwestern.edu for questions about the position.

Department: IPR - Inst for Policy Res

Salary/Grade: NEX/13

Job Summary:

This position is for a research technologist, who will be involved in NIH-funded studies that attempt to identify the immune system's role in socioeconomic disparities in health. The technologist will design, conduct, and oversee assessments of immune function in these studies. Specific responsibilities include: Participates in design and execution of research lab projects. Conducts experimental tests, procedures, and processes and analyzes data. Reviews and revises existing research methodologies and may develop new methodologies, mathematical and/or computer models for predicting data. May ensure overall lab compliance with all associated rules and regulations.

This is a one-year term position, with the opportunity for renewal. The renewal opportunity will be based on performance and available funding.

Specific Responsibilities:

- Following overall research objectives, independently designs, plans, conducts and troubleshoots experiments.
- Evaluates protocols and data obtained from groups of experiments and recommends changes to processes, procedures and techniques to improve quality and validity of results based upon overall project objectives.

Administration

- Observes experiments, collects, records, summarizes, analyzes and interprets research data.
- Collates relevant mathematical results.
- Prepares complex tables reflecting relationships of multiple tests.
- Draws scientific conclusions.
- Writes portions of grant applications.
- Co-authors scientific papers.

Finance

- Negotiates purchases with vendors.
- Maintains and updates portions of grant budgets.
- Tracks and summarizes lab supply expenses.
- Verifies accuracy of invoices.
- Orders and/or maintains inventory of reagent, mice and/or lab supplies.

Supervision

- Trains and directs other lab EEs and/or students in techniques and procedures.

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 and 3 years' lab/bench or other relevant experience required; OR
- Successful completion of a full course of study in an accredited college or university leading to a master's or higher degree in a scientific major or related; OR appropriate combination of education and experience and 1 year lab/bench or other relevant experience.

Minimum Competencies: (Skills, knowledge, and abilities.)

- Demonstrated laboratory experience with ELISA, flow cytometry, molecular biology techniques
- 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, 3 years' experience in immunology lab, record of designing/implementing own experiments and training students in laboratory techniques.

Preferred Competencies: (Skills, knowledge, and abilities)

- ELISA, Flow cytometry, cell culture, qPCR

Benefits:

At Northwestern, we are proud to provide meaningful, competitive, high-quality health care plans, retirement benefits, tuition discounts and more! Visit us at <https://www.northwestern.edu/hr/benefits/index.html> to learn more.

Work-Life and Wellness:

Northwestern offers comprehensive programs and services to help you and your family navigate life's challenges and opportunities, and adopt and maintain healthy lifestyles.

We support flexible work arrangements where possible and programs to help you locate and pay for quality, affordable childcare and senior/adult care. Visit us at <https://www.northwestern.edu/hr/benefits/work-life/index.html> to learn more.

Professional Growth & Development:

Northwestern supports employee career development in all circumstances whether your workspace is on campus or at home. If you're interested in developing your professional potential or continuing your formal education, we offer a variety of tools and resources. Visit us at <https://www.northwestern.edu/hr/learning/index.html> to learn more.

Northwestern requires all staff and faculty to be vaccinated against COVID-19, subject to limited exceptions. For more information, please visit our [COVID-19 and Campus Updates website](#).

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.

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