



Diversity Summer
Health-Related Research
Education Program (DSHREP)



the future of medicine
begins with you.



The Summer Research Experience

MCW-Milwaukee invites you to explore your interests in biomedical sciences through a summer training experience as a research intern.

DSHREP is a competitive program designed to provide research opportunities for undergraduate and graduate students who are members of historically disadvantaged and underrepresented groups in the health science professions.

Qualified diverse students who are accepted into the program are “matched” with an established faculty investigator(s) to participate in research project(s) addressing the causes, prevention, and treatment of cardiovascular, pulmonary and hematological diseases.

“The research experience was intriguing. I enjoyed how precise and accurate our experiment, as well as experiment protocol, had to be.”

- Program Participant





Engaging and Challenging Experiences

Do you dream of a future career helping your community through science and medicine? The MCW Office of Student Inclusion & Diversity offers exciting summer programs to support, advise, and guide you in reaching these goals.

Through our programs, we hope to ensure that the future of science and medicine includes dedicated professionals who provide compassionate clinical care and discover important scientific breakthroughs. We are devoted to serving high-performing and motivated learners from diverse backgrounds who are underrepresented in the health science professions in realizing their dreams in biomedical careers.

Our goal is to advance health equity through educational offerings that contribute to the creation of a knowledgeable, caring, and diverse health science workforce dedicated to excellent service to patients from all backgrounds and communities.

We enthusiastically invite you to discover more about our outstanding summer programs and consider applying.

Malika Siker, MD

*Associate Dean for Student Inclusion & Diversity
Associate Professor, Department of Radiation Oncology
Co-Chair, MCW Cancer Center Community Advisory Board*



What's in it for me?

During this ten-week program, you will have the opportunity to:

- Be an active member of a research team
- Explore career opportunities in research and the health professions
- Benefit from a stimulating environment of education and mentoring
- Attend weekly lectures on innovative topics
- Understand the educational pathways leading to your chosen health profession
- Build relationships with pre-med students from across the U.S.
- Participate in professional development sessions





“I learned that I like hematology and oncology research the best, and found my passion for science again.”
- Program Participant



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“The 10 week period was long enough for me to become independent and feel comfortable working in the lab.”

Program Participant



Salary, Living & Travel

Research interns are paid a monthly stipend between August and September based on a 40-hour work week. The stipend is an estimated \$1,600 per month. All laboratory expenses are covered.

Housing accommodations are arranged for research interns whose permanent address is outside of Milwaukee County. Interns share an apartment suite with cooking facilities. Travel expenses to and from Milwaukee are available to those who do not reside within Wisconsin.

Research interns will be able to participate in various social mixers and take advantage of the City of Festivals and local attractions.





What's required of me?

Be available for the entire duration of the ten-week program. Commitment is an estimated 40 hours per week. Attendance is mandatory at all seminars and training activities.

Each research intern is required to provide a project abstract and present a 10-minute oral presentation at the conclusion of the program. Research interns must comply with MCW policies and rules of conduct regarding workplace and personal behavior, conduct of research, patient privacy and housing.

Environmental Health Science Program (ENVIR)

Select students who demonstrate an interest in environmental research will be offered acceptance into the ENVIR program. Students selected for ENVIR will follow the basic structure of the DSHREP program.





Am I eligible?

We recognize that there are a myriad of factors that may pose unique challenges to every individual. In defining these groups, we identify populations where there is a disconnect between the group's representation and perspectives in the educational environment and current workforce compared to the general population. To advance health equity, more focused and sustained outreach and recruitment efforts exist for individuals in these groups who may not have equal access to resources to reach biomedical careers. High school students from the Milwaukee metro region in the following populations are strongly encouraged to apply.

***Individuals from Disadvantaged Backgrounds** as defined by National Institutes of Health (see [NIH.gov](https://www.nih.gov))

- African American
- Mexican American
- Puerto Rican
- Individuals from Disadvantaged Backgrounds
- Native American
- Hmong American
- LGBTQIA+





“I appreciated how easy it was to stop by my PI’s office and discuss the progress of my experiment with him.”
-Program Participant



Quick FAQs

Who will I work with?

You will be a member of a research team and your daily interaction may not be with your Principal Investigator (PI), you may work most closely with the lab manager, lab tech, postdoc and perhaps even graduate students.

How am I matched with a PI?

The principal investigators (PI) review the applications and will make their determinations about who they feel might be a good fit for their lab.

Do I need previous lab experience?

Previous lab experience is not a condition of acceptance into the DSHREP program but a strong fund of knowledge will help students distinguish themselves and find ways to actively contribute to the success of the lab and their project.

How will DSHREP aid my career in biomedical science?

The summer spent in DSHREP allows you to appreciate the relationship between research and medicine. The professional development sessions can be life lessons that help you position yourself favorably for future endeavors.





What techniques will I use/learn?

Dependent upon the lab in which you are matched, some students have developed or enhanced the following skill sets:

- Polymerase chain reaction (PCR)
- Cell culture
- Western blot
- Protein assays-BCA and/or Bradford
- DNA isolation and extraction
- Immunofluorescence (IF) and immunohistochemistry (IHC) staining
- Protein purification
- Microscopy
- Potential to work with lab animals (mice, rats, zebra fish and etc).



Program Timeline



Get Social with MCW

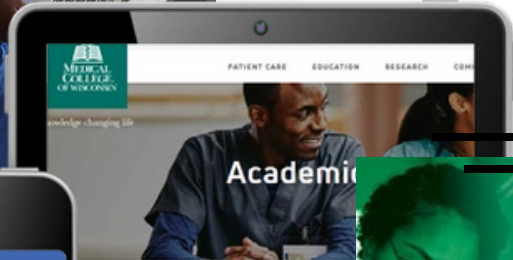
Early February
Application Deadline

Late February/Early March
Interviews

Late March
Decision/Commitment

Late February
Eligibility
Status
Update

Late May
Program Starts



Have program questions?

[Visit website to view program FAQs.](#)

Learn More

Please visit our website for the deadline date and application at: <https://admissions.mcw.edu/register/summerprogramsapp2024>



Submit official college transcript in sealed envelope via US mail to:

Medical College of Wisconsin Office of Student Inclusion & Diversity
Attn: Program Manager
8701 Watertown Plank Road
Milwaukee, WI 53226

Failure to submit all of the requirements by the deadline voids review. Incomplete applications will be ineligible for consideration. NO applications are accepted beyond the deadline.

Recommendations

Submit two (2) electronic recommendations. Mailed recommendations are not accepted.

Interview

If selected for the program, you will be invited to interview via Zoom.



DSHREP Alumni

The DSHREP program is an integral part of student preparation and transition to medical school.



“Being a part of DSHREP for four summers was extremely valuable in my preparation and transition to medical school. Participating in DSHREP exposed me to the institution’s faculty and staff, student body, curriculum, academic enhancement, community engagement, student organizations, and much more. This experience demystified medical school for me and has allowed me to feel much more comfortable with the transition to medical school here at MCW!”

British Fields, M.D.
MCW Class of 2023

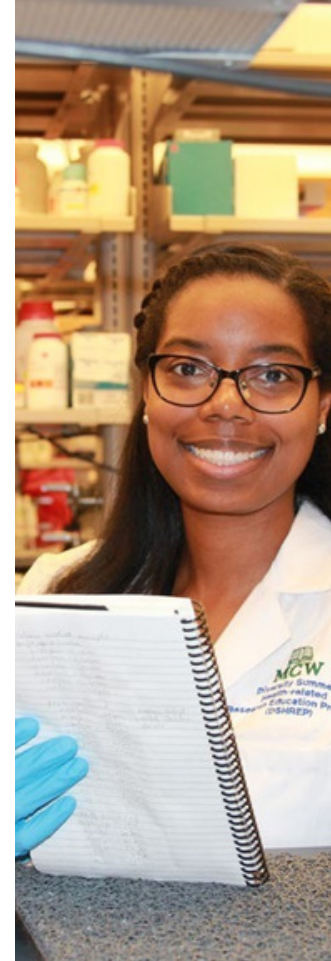
“DSHREP taught me how to advocate for myself and provided me with several opportunities to network with a plethora of professionals involved in medical education and the field of medicine. My transition to MCW as an M1 has been smooth due to the knowledge I gained during my two summers of research and the caring support system that I was able to form while participating in DSHREP.”

Jakara Griffin, M.D.
MCW Class of 2022



“Participating in DSHREP definitely aided my transition to medical school. It allowed me to begin medical school with increased motivation, understanding my purpose to learn medicine to provide high quality and culturally-competent care to underserved populations. I also was able to start medical school with an awesome support team of students, staff, and faculty who are personally invested in my academic, professional, and social well-being.”

Na’il Scoggins, M.D.
MCW Class of 2021



“I’m very grateful for my DSHREP experience. DSHREP helped me paint a clearer picture of what it took to be a medical student and physician. Not only did I complete a research project that helped me better understand the academic and research rigor it takes to pursue medicine. I obtained invaluable research experience and formed a space of community at MCW—two things that have been integral to my success at MCW as a medical student.”

Kayla Johnson, M.D.
MCW Class of 2020



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Summer Program for Undergraduate Research

