

Research Opportunity
For Academic
Development in Science (ROADS)



passion for research?
your future awaits.



The nation's need for well-trained physicians and biomedical researchers is greater than ever. MCW- Milwaukee invites you to explore your interests in biomedical sciences through a summer training experience.

ROADS Program Background

MCW-Milwaukee offers the Research Opportunity for Academic Development in Science (ROADS) program to provide carefully selected Milwaukee area high school students who are members of historically disadvantaged and underrepresented groups in the health sciences professions with a meaningful experience to stimulate their interest in careers in medicine, biomedical research, and allied health.

ROADS, originally called the Apprenticeship in Research (AIR), was launched in 1990 and was funded by National Institutes of Health (NIH) and was offered to all multicultural high school students in the Milwaukee Public School (MPS) system and surrounding suburban school districts.



“Dedication to ensuring the needs of all the ROADS members are met in order to assure their comfort and ability to work efficiently and ensure their success.”
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*



Why is this program necessary?

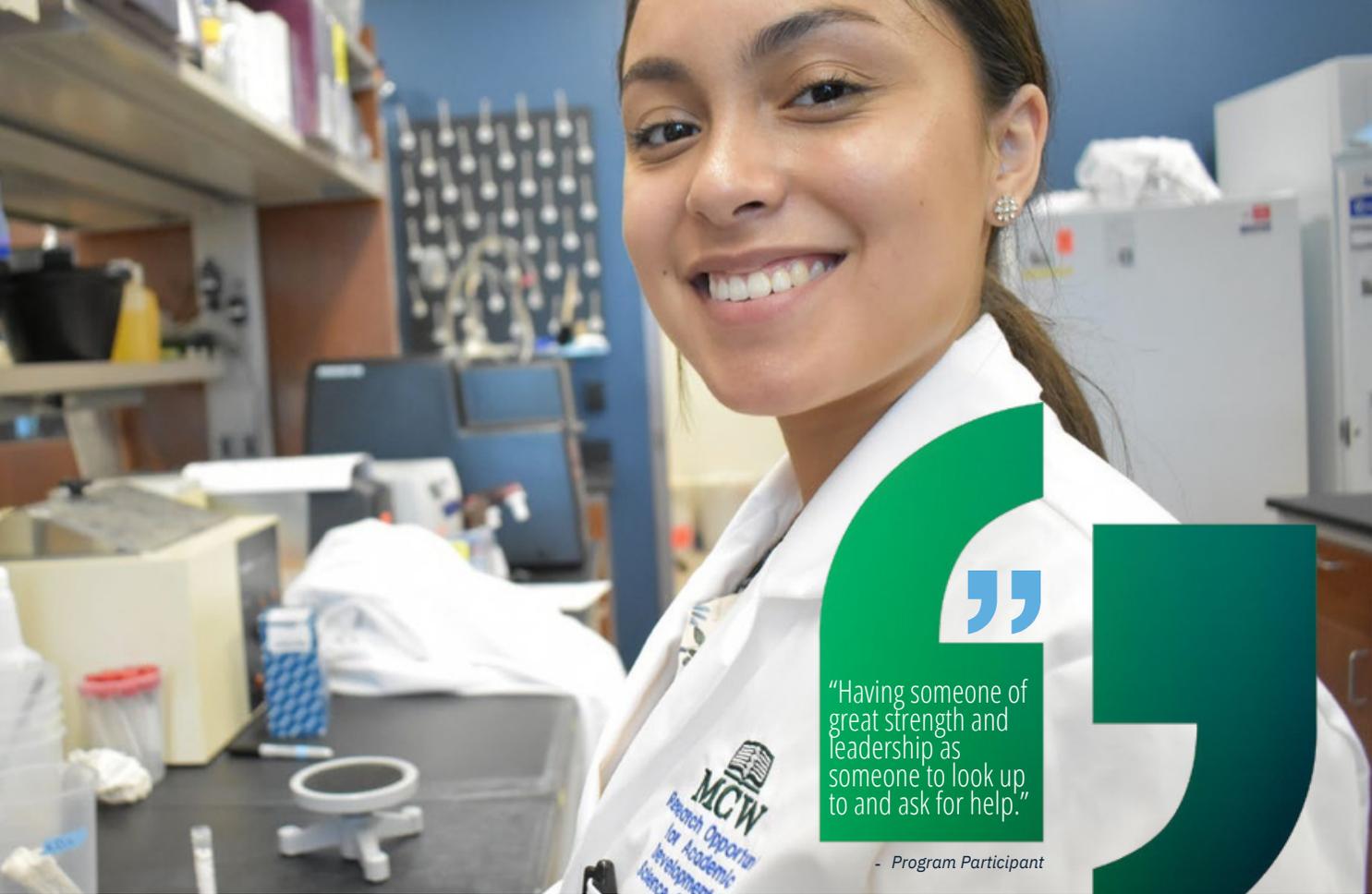
Students interested in biomedical science serve as ROADS interns for seven weeks during the summer. Each intern assists an MCW principal investigator (PI) who acts as their mentor on a current research project. This program is designed to provide participants with a meaningful experience in a research laboratory setting and to stimulate their career interest in science, medicine, and biomedical research.

What's in it for me?

During your seven weeks, you will have the opportunity to:

- Participate as an active member of a research team, develop an abstract and present findings
- Increase your understanding of critical issues in basic science and clinical research
- Improve your learning skills and increase your scientific knowledge
- Participate in group activities and a field trip
- Receive a course certificate of completion upon conclusion





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“Having someone of great strength and leadership as someone to look up to and ask for help.”

- Program Participant



"I was able to discover the different layers of the medical field and realize, despite how different they may be, they work together."

Program Participant



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)

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



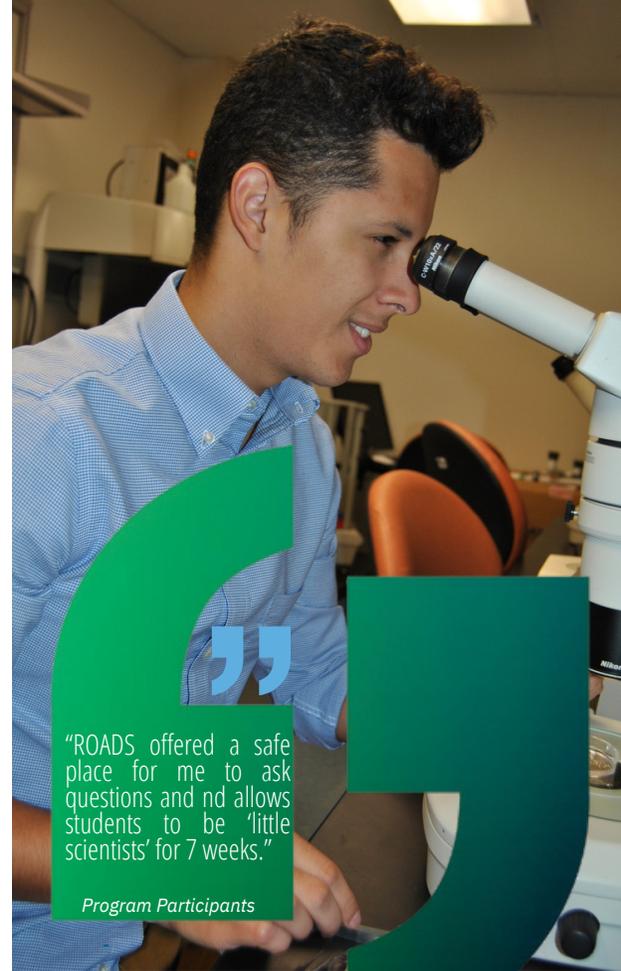


ROADS strives to

- Inspire and empower students to continue their education beyond high school and college
- Increase underrepresented student enrollment in graduate/medical school
- Expose students to the MCW community, including our faculty, staff, student body and programming

Stipend

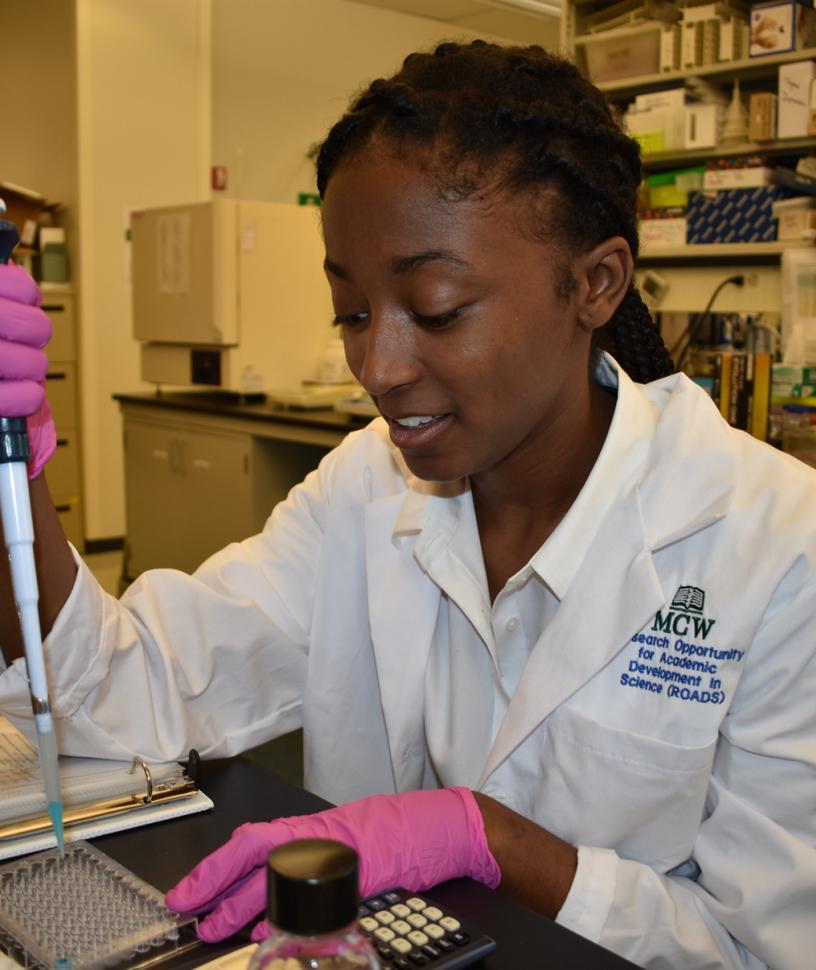
ROADS interns are paid a one-time stipend at the end of the program. Interns are encouraged to use these funds for scholarship support in the advancement of their education.



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“ROADS offered a safe place for me to ask questions and allows students to be ‘little scientists’ for 7 weeks.”

Program Participants



How do I qualify?

Students are chosen competitively based on strong recommendations, and interest. If selected for an interview, applicants come to MCW for a face-to-face interview. Applicants are reviewed holistically so we take a variety of factors into consideration.

Exceptions to these eligibility criteria will be considered individually by the Selection Committee at the Medical College of Wisconsin.

- Be a U.S. citizen or permanent resident
- Must be at least 16 years old
- Be from an ethnically, economically and/or educationally disadvantaged background
- Have a strong science and math GPA, at least 3.0
- Attend a high school in the Milwaukee Public System (MPS), Milwaukee charter school, Milwaukee area private school or surrounding suburban school district
- Rising junior, senior or June graduate



Program Timeline



Get Social with MCW

Early March

Application Deadline

Early April

Interviews

Late April

Decision/Commitment

Late March

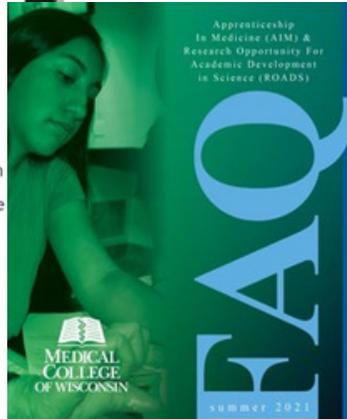
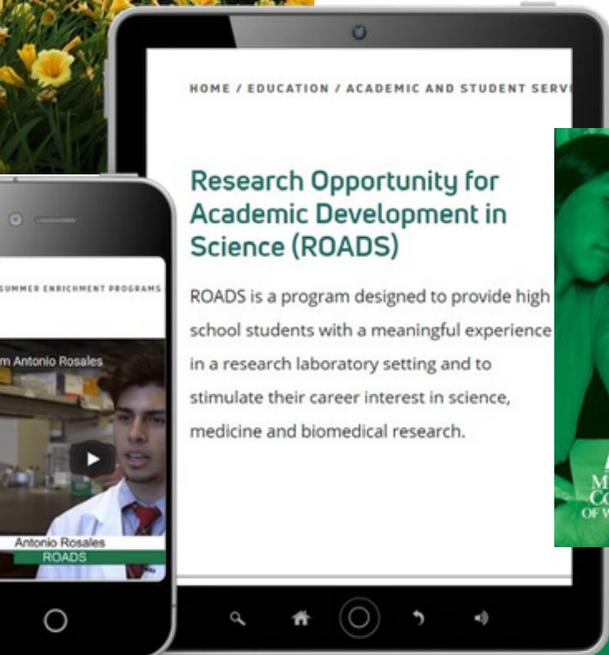
Status Update

Early May

Complete
Onboarding
Paperwork

Early June

Program
Starts



Have program questions?

Visit our website to view
the program FAQs.

Learn More & Apply

Please visit our website for the deadline date and application at:
https://mcwisc.co1.qualtrics.com/jfe/form/SV_cuQ10kIIZLrvee.



Must have parental/guardian support and permission.

Recommendation

Submit two (2) electronic recommendations. You will receive an email link to be forwarded to your recommenders to complete the process. Mailed recommendations are not accepted.

- High School Science Teacher **(required)**
- Guidance or Administrative Staff
- Employer, Internship Program Staff

Transcript

Submit official high school transcript in sealed envelope via US mail postmarked by Feb 23, 2024 or via upload link:

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

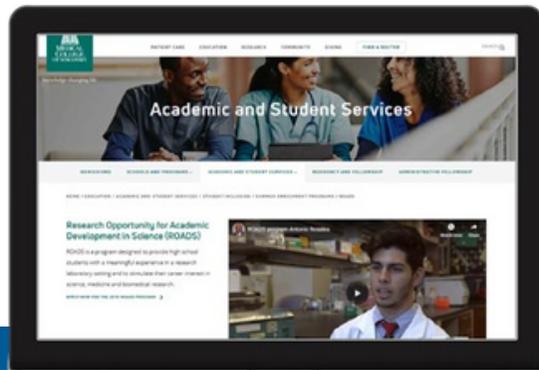
Interview

If selected, be available for an interview - usually during the Milwaukee Public Schools (MPS) spring break.

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.

Commit

Be available for the entire duration of the six-week program. Commitment is an estimated 40 hours per week.





Medical College of Wisconsin Office of Student Inclusion & Diversity

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mcw.edu

*Learn more about high school programming at mcw.edu.
This program is funded through private donations.*

*To make a donation please visit our website:
mcwsupport.mcw.edu/makeagift • Designation: Other/ROADS*

