

## CURRENT FUNDING PARTNERS

- National Heart, Lung and Blood Institute
- USDA/ARS Children's Nutrition Research Center
- Cancer Prevention and Research Institute of Texas
- National Institute of General Medical Sciences
- National Cancer Institute

## APPLICATION REQUIREMENTS

The official 9-week 2024 program dates will be June 3 - August 2, 2024. Participants must provide proof of health insurance.

Total compensation is ~\$5,400

**Application opens:** early October 2023

**Application deadline:** January 15

Visit our website [www.bcm.edu/smart](http://www.bcm.edu/smart) for program dates, program details, application portal and answers to frequently asked questions.



R. ORDONEZ  
UNIVERSITY OF TEXAS RIO GRANDE VALLEY

“ The SMART Program has given me the opportunity to experience what state-of-the-art research is like. Thanks to the program, I was able to present my research at a national conference in which I gave an oral presentation and won an award in my field. This experience has really motivated me to pursue an M.D./Ph.D. in cancer biology and one day find a cure for cancer. ”

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# THE SMART PROGRAM SUMMER BIOMEDICAL RESEARCH PROGRAM FOR UNDERGRADUATES



An exciting summer program that includes state-of-the-art research with diverse, interconnected learning opportunities!

Baylor  
College of  
Medicine

GRADUATE  
SCHOOL  
OF BIOMEDICAL SCIENCES

SUMMER  
UNDERGRADUATE  
RESEARCH TRAINING  
(SMART) PROGRAM

BAYLOR COLLEGE OF MEDICINE IS LOCATED  
IN THE HEART OF THE TEXAS MEDICAL CENTER  
IN HOUSTON.

## LABORATORY EXPERIENCE

Students become lab members who contribute to research efforts in more than 20 basic and clinical science departments. Students and mentors are matched based on the student's educational and laboratory experience and mutual interest.

## RESEARCH AREAS

Biochemistry	Immunology
Bioinformatics	Infectious Diseases
Cancer Research	Microbiology
Cardiovascular Sciences	Molecular Biology
Cell Biology	Molecular Biophysics
Computational Biology	Molecular & Human Genetics
Developmental Biology	Neuroscience
Drug Discovery	Nutrition
Epidemiology	Pharmacology
Gene Therapy Technology	Physiology
Human Microbiome	Structural Biology
	Virology



For the first time in my life, I was around other students who were as fascinated by science as I am. It was 'cool' to be SMART.

SARAH COPELAND, VANDERBILT

## ACADEMICS

**RESEARCH SEMINAR SERIES** helps students develop their knowledge and explore a large range of biomedical research topics. See website for a sample schedule.

**RESEARCH ABSTRACT AND PRESENTATION** requirements provide an opportunity to develop skills necessary for scientific success.

**OPTIONAL ELEVATOR PITCH COMPETITION** is a fun way to learn how to explain the importance of research to a broad audience.

ZEESHAN HUSAIN, MASSACHUSETTS INSTITUTE OF TECHNOLOGY



I had a lot of fun and learned so much. It came in handy with some of the classes I am taking this term at MIT. It's great seeing how everything somehow ties together.



## PROFESSIONAL DEVELOPMENT

Weekly professional development workshops provide students with tools to maximize career potential. See website for list of workshop topics offered.

## SUPPORT

Career professional development is offered through individual meetings with the program director, the director of career development center and student success manager.



## COMMUNITY

There are many organized activities during the summer that provide SMART students opportunities to interact with their peers and current Ph.D. and M.D./Ph.D. students throughout the college.



DAVID KRUEGER, UNIVERSITY OF CHICAGO

If you want to find out what research is all about in a positive environment where people collaborate and help each other, this is it!



## NATIONAL RECRUITMENT

Over the past 35 years, the SMART Program has provided more than 2,800 students from more than 245 colleges and universities an opportunity to experience research in an exciting environment. Approximately 80 positions will be available in 2024.

