

## MISSION

To expose high school students through collaborative efforts to research and clinical environments by offering a variety of interactive opportunities in which to learn.

## OBJECTIVE

Student participants will be exposed to meaningful research and clinical experiences in a health professions environment.

## RATIONALE

REACH captures high school students early in their academic careers, which is critical to establishing a more diverse applicant pool for The University of Toledo College of Medicine in the future. Once students have participated in the program, they are tracked at different stages in the educational pipeline, from high school, college and beyond.

## WHO SHOULD APPLY?

High school students who will be enrolled in the fall as sophomores, juniors and seniors. Students of all ethnic and cultural groups are encouraged to apply; however, special consideration may be given to applicants who are historically underrepresented in the sciences (i.e. certain races, gender, those with disabilities, etc.).

REACH is administered by the  
University of Toledo  
Office of Institutional Diversity and  
funded by the College of Medicine.

## FEEDBACK FROM FORMER REACH INTERNS

*"The program was excellent because it helped me to pinpoint what I want to do in the medical field."*  
- Chelsea

*"I experienced a broad spectrum of opportunities—lab research and all of the experiential options."*  
- Julia

*"I have met some great people, and feel that the program was worthwhile. I felt I was very busy during my summer"*  
- Mina

*"I was exposed to other types of health careers like pathologists and nurse practitioner."*  
- Cherokee

## CONTACT INFORMATION

Manager of Diversity Programs  
Office of Institutional Diversity  
The University of Toledo  
3045 Arlington Ave.  
Toledo, OH 43614-5805  
Phone: 419.383.3438  
Fax: 419.383.6450

## The University of Toledo **REACH** Program

June 15—August 7, 2009  
Health Science Campus



THE UNIVERSITY OF  
**TOLEDO**  
1872

## WHAT IS REACH?

If you are interested in reaching your academic potential, then *REACH* may be for you. *REACH* stands for Research Experience and Awareness of Clinical Health. This University of Toledo Health



Science Campus program is geared toward high school students in the Toledo area who aspire to

reach their career goals in the health professions. This exciting summer program offers access to two educational pathways: basic science and clinical research.

Depending on the area of interest, accepted students are matched with UT faculty in the basic or clinical sciences. Student interns will then spend eight weeks with their mentors on the Health Science Campus conducting research and/or shadowing health-care professionals in a laboratory or clinical setting.

## PROCESS

Applications are solicited each spring from academically talented high school students in the Toledo area. 15 students are accepted based upon competitive criteria. Candidates will be notified and an interviewing process will determine final REACH interns.

## SELECTION IS BASED UPON:

- 3.0 GPA or higher
- Student application
- Typed 250-word essay
- Summary of extracurricular activities
- Official high school transcript
- Recommendation from high school science teacher

## APPLICATION DEADLINE:

**April 30, 2009**

**May 8, 2009—First round selections**

**May 22, 2009— Final selections**

## STIPEND

Students will earn \$2,000 for the summer.

## TRANSPORTATION

Students are expected to arrange their own transportation to and from the research site.

## HOURS AND LOCATION

Monday-Friday; Between 8:30 - 5 p.m.  
The University of Toledo  
Health Science Campus  
3045 Arlington Ave., Toledo, OH 43614

## MEET YOUR MENTOR

Prior to the start of the REACH, student interns are formally introduced to their mentors during a required orientation session. This is a great opportunity for their parents/guardians to meet individuals who will be responsible for their students' summer experience. The session also addresses program expectations, questions and concerns.

## PROGRAM CONTENT

*REACH* interns spend 8-weeks on campus and conduct research in many areas. Based upon interest and availability, shadowing options allow students to enhance their experiences. To balance the research experience, student interns are also required to attend weekly update meetings, special workshops and presentations.

### *Participating areas have included:*

Surgery	Medicine
Pathology	Orthopaedics
Microbiology	Physiology
Pediatrics	Dentistry
Neurosciences	Pharmacy
Rehabilitation	Emergency Room
Diabetes Center	Oncology

## RESEARCH FORUM

*REACH* interns are required to showcase in an oral presentation during a research forum as the end of the summer. In preparation for forum, students will attend mock presentations that will enhance their communication skills. A sampling of researched topics are:

- *The Evolution of the Virus*
- *Finding the Edinger Westphal Nucleus*
- *Orthopedics*
- *Smoking and Pathology*
- *Experiencing Plastic Surgery*
- *Monitoring the genetics of two rat models with contrasting blood pressure*

An recognition ceremony takes place during the forum as well.