

# The 2022 Summer Institute On Medical Ignorance

University of Arizona  
College of Medicine



## High School Student Research Program

The NIH High School Student Research Programs offer positions in productive basic and clinical research laboratories at the University of Arizona College of Medicine (Arizona Health Sciences Center). Students who are **financially, educationally, and/or socially disadvantaged** are paid the minimum federal hourly wage for 40 hours a week for the duration of the program. As in previous years, 20-25 high school students will be incorporated into the Medical Student Research Fellowship Summer Program, thereby stimulating interactions with "big brother" and "big sister" medical students and also with medical faculty mentors and Visiting Professors conducting bi-weekly research seminars throughout the summer. Our hope and expectation is to attract the best and brightest disadvantaged students to the University of Arizona as undergraduates where some will continue their research and ultimately enter the College of Medicine and other professional and graduate programs.

The Review Committee will consider high school students (particularly juniors) with 3.0 (B) or better cumulative GPAs, *two outstanding letters of recommendation* from their science teachers, guidance counselors, and/or principals, and additional evidence of research experience or inventiveness, such as science fair exhibits. **We will not accept unsigned letters of recommendation.** A *one-to-two-page essay on "Why I love science and what the summer medical research apprenticeship will mean to me"* should be attached to the enclosed application form. In addition, students will need to provide *summary information justifying their financially, educationally, and/or socially disadvantaged status.*

**Applicants must be U.S. citizens or have a permanent Visa AND have a Social Security Card.**

**The application deadline is Friday, January 28, 2022.** Our Review Committee will screen applications and will invite semi-finalists for **interviews on Saturday, February 19, 2022 (via zoom).** Students will be notified of interview results within 3-4 weeks.

At the conclusion of the summer, all participants will deliver a brief oral presentation about their research in a special seminar and will submit a three-to-four page summary report of their progress.

The 2022 summer program **begins Monday, June 6, 2022, and ends Friday, July 22, 2022.** Students are expected to work full-time (Mon.-Fri., 40 hrs. a week) for the entire period. No attendance exceptions will be made, and a fellowship will be terminated automatically if days are missed for reasons other than unexpected illness or death of a family member.

### Program Director:

Marlys H. Witte, MD, Professor of Surgery, Pediatrics and Neurosurgery

### Collaborating Directors:

Frank Porreca, PhD, Professor, Pharmacology; Faye K. Ghishan, MD Professor & Department Head, Pediatrics

### Program Manager:

Grace S. Wagner

Videographer: Juan Ruiz

Mentors: AHSC

## Sponsors:

NIH NINDS R25NS076437  
High School Student NeuroResearch Program (HSNRP)

NIH NICHD R25HD080811  
Summers in Children's Research for Diverse High School Students

## Do Research and Get Paid to Learn.

Work with physicians and bio-medical scientists on their research and explore health careers at The University of Arizona College of Medicine. Get paid minimum wage this summer for learning science.

### Who:

This summer program targets students who are financially, educationally, and/or socially disadvantaged.

### When:

June 6-July 22, 2022

### Where:

The University of Arizona College of Medicine  
(Tucson Campus)

### Application Deadline:

Friday, January 28, 2022

### For More Information:

Call (520) 626-6360

grace@surgery.arizona.edu  
www.ignorance.medicine.arizona.edu



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# APPLICATION FORM

The **2022** University of Arizona  
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NIH NINDS R25NS076437  
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**High School Student Research Program**

**TYPE OR PRINT LEGIBLY IN BLACK INK (Please complete ALL blanks).**

Name \_\_\_\_\_ Date of Birth \_\_\_\_\_ Check one:  Male  Female

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

E-mail (please print) \_\_\_\_\_ Social Security Number \_\_\_\_\_

School \_\_\_\_\_ District \_\_\_\_\_

Graduation Year \_\_\_\_\_ GPA (Cumulative) \_\_\_\_\_

**Ethnic Status:**

- Alaskan Native
- Amer. Indian (tribal affiliation) \_\_\_\_\_
- Asian
- Black, not of Hispanic origin
- Hispanic
- Pacific Islander
- White, not of Hispanic origin
- Other (explain) \_\_\_\_\_

**Citizenship Status:**

What country are you a citizen of? \_\_\_\_\_

- U.S. Citizen or Non-citizen National
- OR**
- Permanent Resident of U.S.
- OR**
- Non U.S. Citizen

Career Goals (one additional page may be attached): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Previous research ideas, science exhibits, or other special talents (one additional page may be attached): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

# APPLICATION CHECKLIST

The **2022** University of Arizona  
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**High School Student Research Program**

## Checklist of Required Information to Complete Application:

- Completed application form (*application page 1*)
- Your personal statement of disadvantaged status (*application page 3*)
- A one-to-two page student essay (typed double-spaced or legibly written in black ink) on the following inclusive topic: "Why I love science and what a summer medical research apprenticeship will mean to me."
- Two letters of recommendation from high school science teachers, guidance counselor, and/or principal (*one letter MUST be from science teacher*) **UNSIGNED LETTERS OF RECOMMENDATION WILL NOT BE ACCEPTED**
- An official copy of your high school transcript (*must be signed and validated with school "seal"*)
- Applicant release form (*application page 4*)
- Supporting documentation of your disadvantaged status, if available

*Note: Incomplete application packets will not be evaluated by Review Committee.*

**ORIGINALS MUST BE MAILED (POSTMARKED) NO LATER THAN FRIDAY, JANUARY 28, 2022**  
**SCANNED/XEROXED/E-MAILED APPLICATIONS NOT ACCEPTABLE**

**APPLICATION DEADLINE: FRIDAY, JANUARY 28, 2022**

All application materials should be mailed to:

Grace S. Wagner, Program Manager

Student Research Programs, University of Arizona College of Medicine, Room 4402K

Department of Surgery, P.O. Box 245200, Tucson, AZ 85724-5200

Phone: (520) 626-6360

E-mail: [grace@surgery.arizona.edu](mailto:grace@surgery.arizona.edu)

Web: [www.ignorance.medicine.arizona.edu](http://www.ignorance.medicine.arizona.edu)



# APPLICANT RELEASE FORM

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## APPLICANT RELEASE FORM

I understand that the University of Arizona College of Medicine Student Research Program DOES NOT provide transportation to and from the University of Arizona for program participants. **Limited housing is available for out of town students over the age of 18 as of program start date.** I also understand that if my son/daughter is selected as a participant in this program, I will be held totally responsible for his/her actions and physical well-being outside of normal work hours for the duration of this apprenticeship program.

\_\_\_\_\_  
Signature of Parent and/or Guardian

\_\_\_\_\_  
Date

### Out of Town Students **ONLY** (if under 18)

Please provide the Tucson address and phone number where the student will reside.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Tucson Phone Number: \_\_\_\_\_

**TYPE OR PRINT LEGIBLY IN BLACK INK**