



**Morehouse School of Medicine/
Tuskegee University/
O'Neal Comprehensive Cancer Center at the
University of Alabama at Birmingham
Cancer Partnership**

Summer Cancer Research Education Program 2023– SCREP Application

The Partnership between Morehouse School of Medicine (MSM), Tuskegee University (TU), and the O' Neal Comprehensive Cancer Center at the University of Alabama at Birmingham invites graduate and medical students to participate in its:

- **8-week Summer Cancer Research Education Program (SCREP) – Monday, June 5 – Friday, July 28, 2023**

Events are currently being planned to be in-person, however we will abide by and be guided by COVID-19 safety precautions as the pandemic continues. The SCREP summer research program was conducted virtually in 2020 and 2021, and that model will be used if needed.

Eligible Applicants: We're accepting applications for these paid internships from **graduate and medical students** currently enrolled in a masters or doctoral program, or medical school, at MSM, TU, or UAB. Students must be US citizens or permanent residents. Selected students will receive a stipend for 20 hours a week. All applications must be received **by Wednesday, March 1, 2023.**

The overall goal of the MSM/ TU/ O'Neal at UAB Cancer Partnership SCREP is to develop and grow a successful program that encourages interest, and facilitates student training, in cancer research. Through participation in designated seminars and workshops, students will enhance their knowledge, scientific techniques, and expertise in cancer and cancer research. Participants in these activities will become stronger candidates to continue for advanced degrees in the field of cancer research and to progress to be independent investigators.

The SCREP runs **June 5–July 28, 2023**, and includes three components:

1. **Learning Course work:** Bioethics in research provided by TU faculty; Cancer Education provided by UAB faculty; Scientific Writing and Health Informatics provided by MSM faculty. Travel to all three campuses may be required for the 1- to 2-day courses for the dates to be scheduled listed on page 5 of this application.
2. **Research Experience:** Students will be linked with a mentor in their respective field to work on a cancer-related research project, in person if allowed. The student may work within an area of specified research interest or an existing data set. The focus will be on writing a manuscript.
3. **Symposium:** Students will attend and present a research poster/presentation at the 1.5-day **Cancer Research Symposium**, and may participate in other weekly/monthly seminars at their respective institutions.

We encourage qualified medical and graduate students of all majors to apply. All students are required to submit an application form, personal statement, undergraduate and graduate transcripts, resume, and two reference letters. To be considered for this program, students must adhere to the procedures outlined in the application.

Applications must be submitted via email by **Wednesday, March 1, 2023.**

If you would like more information or assistance in completing the application, please contact:

At MSM:

Shailesh Singh, PhD
404-756-5718
shsingh@msm.edu

At TU:

Honghe Wang, PhD
334-724-4986
hwang@tuskegee.edu

At UAB:

Ann S. Smith, MPH
205-934-9903
annsmith@uab.edu

We thank you for your interest and encourage you to return your completed application as soon as possible.

Shailesh Singh, PhD
Morehouse School of Medicine
Co-Leader

Honghe Wang, PhD
Tuskegee University Co-
Co-Leader

Isabel Scarinci, PhD, MPH
University of Alabama at Birmingham
Co-Leader

MSM/ TU/ UAB CANCER PARTNERSHIP SUMMER CANCER RESEARCH EDUCATION PROGRAM (SCREP)

June 5 – July 28, 2023

APPLICATION FORM

INSTRUCTIONS: Applications must be received **BY WEDNESDAY, MARCH 1, 2023**

1. **Complete ALL sections of this application** – It is your responsibility to make certain that your **transcripts, one page personal statement, resume, and 2 recommendation letters** are received by the date listed above. Application materials should be sent via email.
2. **Transcripts** – Contact your college registrar for an official transcript. Transcripts should be issued from **ALL** colleges attended.
3. **Letters of Recommendation** – Request recommendation letters **from two people** familiar with your academic work. Each recommendation letter should be emailed to the below person at your institution by the person making the recommendation.

Email your application and supplementary materials to one of the below:

MSM/ TU/ UAB Cancer Partnership Summer Cancer Research Education Program (SCREP)

Shailesh Singh, PhD

Morehouse School of Medicine
Microbiology, Biochemistry & Immunology
Atlanta, GA
shsingh@msm.edu

Honghe Wang, PhD

Tuskegee University Biology
Department
Tuskegee, AL
hwang@tuskegee.edu

Ann S. Smith, MPH

UAB Minority Health & Health
Equity Research Center
Birmingham, AL
annsmith@uab.edu

I. PERSONAL INFORMATION (PLEASE TYPE OR PRINT)

Name _____
Last First Middle

Current Address _____
Street Apt. Number City, State Zip

Email Addresses:

(Current) _____ (Permanent/Personal) _____

Cell Phone _____ Are you a U.S. Citizen? Yes _____ No _____

If not a U.S. Citizen, are you a Permanent Resident? Yes _____ No _____ Date of Birth _____

Race/ Ethnicity _____ Place of Birth _____ Age _____

Sex: F _____ M _____ Non-binary/Third Gender _____ Other: _____ Prefer not to say _____

Have you ever participated in a Summer Training/Enrichment Program in the past? Yes _____ No _____

Do you have any special needs to be considered? Yes _____ No _____ If yes, please specify:

Please list the names of people to be notified in case of emergency:

NAME _____ Relationship _____

Email Address _____

Telephone Numbers(s): Home () _____ Work () _____

Address _____

RECOMMENDATIONS

Give the names, positions and addresses of the two persons whom you have asked to write letters of recommendations.

1) Name _____ Position _____

Email Address _____

2) Name _____ Position _____

Email Address _____

II. EDUCATIONAL BACKGROUND

Colleges and Universities attended - please list most recent first. Expand table as needed.

Name and Location of College	Dates Attended	Degree and Graduation Date

Academic information for current enrollment

Major	Minor	Classification	GPA

Most recent courses

Courses	Credit Hours

III. HONORS, SCHOLARSHIPS, ACHIEVEMENTS AND AWARDS

IV. EXTRA CURRICULAR ACTIVITIES (College and Professional)

V. COMMUNITY ACTIVITIES

VI. ABILITIES AND SKILLS (Computers, laboratory techniques, licenses, etc.)

VII. AREA OF RESEARCH INTEREST

Indicate your 1st, 2nd, and 3rd choice(s) regarding the type(s) of research project, the research program area(s), and the type(s) of cancer which interest you. Write a 1, 2, or 3 on the line in front of the applicable item.

Category of Project:

- | | |
|---|---|
| <input type="checkbox"/> Community-Based or Field Research | <input type="checkbox"/> Laboratory or Basic Science Research |
| <input type="checkbox"/> Analytical/Statistical Research | <input type="checkbox"/> Clinical (Patient Care) Research |
| <input type="checkbox"/> Animal Research | |
| <input type="checkbox"/> Behavioral Research (cultural influences of health seeking behaviors, intervals knowledge, attitudes and beliefs towards health care, life style modification interventions, etc.) | |
| <input type="checkbox"/> Other (specify): _____ | |

Research Program Area:

- ☐ Cancer Prevention and Control
- ☐ Chemoprevention
- ☐ Experimental Therapeutics
- ☐ Immunology
- ☐ Molecular Genetics
- ☐ Neuro-Oncology
- ☐ Structural Biology
- ☐ Virology
- ☐ Women's Cancer
- ☐ Other (specify): _____

Type of Cancer:

- ☐ Breast
- ☐ Cervical
- ☐ Colorectal
- ☐ Lung
- ☐ Oral
- ☐ Prostate
- ☐ Skin
- ☐ Other (specify): _____

Do you have a specific faculty member in mind for a mentor? Yes___ No___

If yes, provide name and contact info: _____

Do you have a specific research project in mind? Yes___ No___

If yes, please describe: _____

EXAMPLES of Previous Student Research Projects:

- Rural/Urban and Racial Differences in Breast Cancer Age and Stage at Diagnosis Among Women in Alabama from 2010-2020
- Influence of the LHRH Analog, Cetrorelix, on Cell Migration of the Human Prostate Cancer Cell Line, DU-145
- Role of Tyrosine Phosphorylation on MDH2 Enzyme Activity in Cancer Cells
- Effect of Practitioner Smoking Cessation Training on Patient Counseling Time
- Encouraging Compliance with Follow-up Appointments for Abnormal Mammograms: Factors that Community Lay Health Advocates Should Consider

VIII. AVAILABILITY FOR ASSIGNMENT

**Student trainees are expected to work for the entire 8-week training period:
Monday through Friday, June 5-July 28, 2023**

Your schedule will include up to 40 hours per week of required online webinars, course work, and time to work with your mentor to develop a research project. This schedule will be determined with your mentor during the first week of training. Research work with mentors may be in-person or may include virtual sessions with a focus on writing a manuscript for publication.

Participants will be required to follow COVID-19 guidelines specified at each partnering institution, such as wearing masks.

SCREP Orientation Proposed Date: Thursday, May 25, 2023, 1:00-2:30 CT/ 2:00-3:30 ET

Proposed Schedule (dates subject to change):

- **Week 1 – Bioethics Workshop hosted by TU (Wed, June 7, 2023)**
- **Week 3 – Cancer Education hosted by UAB (Tues- Wed, June 20-21, 2023)**
- **Week 4 – Scientific Writing hosted by MSM (Tues-Wed, June 27-28, 2023)**
- **Week 6 – Virtual Bioinformatics for Beginners (Mon-Friday, July 10-14, 2023)**
- **Week 8 – Cancer Research Symposium hosted by TU (Tues-Wed, July 25-26, 2023)**
- **Abstracts due July 10, 2023**

IX. RECRUITMENT INFORMATION

Have you participated in any type of internship program in the past? Yes _____ No _____
If yes, indicate when and where.

How did you learn about the MSM/TU/UAB Partnership Summer Cancer Research Education Program?

X. STATEMENT OF INTENT PARAGRAPH

Please submit a one-page or less Statement of Intent (250 words) attached with this document. It must be typed. Your writing will be evaluated for content, clarity, grammar, spelling, and coherence. Your Statement of Intent should address the following:

- Why would you like to participate in the MSM/TU/UAB Partnership Summer Cancer Research Education Program (SCREP)?
- How will this training program impact your academic and career goals?
- What qualifications set you apart from other applicants?

The MSM/TU/UAB Cancer Partnership Summer Cancer Research Education (SCREP) Committee will review applications. Final selections will be made by Friday, April 14, 2023.

I certify that the information submitted in this application is true and correct to the best of my knowledge. I give the MSM/TU/UAB Cancer Partnership SCREP permission to share this information for the purpose of recruitment and placement.

If selected, I authorize and release MSM/TU/UAB to video, photograph or otherwise record my participation in this program.

Signature

Date