

## **Announcement of College of Science, Engineering and Technology (COSET) Summer Undergraduate Research Program (SURP) 2020**

The COSET will support about 15 qualified students for this 10-week (June 1-August 7) research program. Undergraduate students enrolled at least one year in any departments in the COSET can apply for SURP. Overall GPA should be 3.0 or higher. Students must contact faculty members in the COSET to select a mentor. Any faculty member in the COSET can mentor an undergraduate student.

Interested students should submit application materials by April 17, 2020, either as an electronic copy (email attachment) or as a hard copy. All applicants will be interviewed between April 20-25, 2020.

Students and their mentors will be notified of acceptance decision by April 30, 2020

### **Expectations and Deliverables:**

- 1- Students must attend an orientation session on June 1, 2020 in Science Building room 303H.
- 2- Students must attend a laboratory safety training workshop on June 1, 2020.
- 3- Students are required to attend weekly seminars and workshops designed to teach how to better prepare resumes, posters, manuscripts, and other documents.
- 4- Students in the program are expected to work for approximately 25 to 30 hours per week.
- 5- Students are required to submit weekly progress reports to Dr. Hyun-Min Hwang by Friday of each week.
- 6- All students are required to give oral presentations on their research results at the symposium scheduled for August 7, 2020. Students are also required to present posters at TSU and COSET Research Week, which will be scheduled for the last week of March 2021.
- 7- Each student is required to submit a 4-5 page research manuscript for publication in **the 2020 Proceedings of TSU COSET SURP.**

### **Stipend and Compensation:**

- Each participating student will receive a \$2,000 stipend.
- Students who do not complete all the program requirements, or drop out of the program will not receive the stipend.
- Each faculty mentor will receive support (up to \$1,500) for supplies.

For more information and application materials, please contact Dr. Hyun-Min Hwang ([hyun-min.hwang@tsu.edu](mailto:hyun-min.hwang@tsu.edu); 713-313-1028)

All applicants are required to submit:

- **A completed application form (must be typed),**
- **An unofficial TSU transcript,**
- **A statement of agreement**
- **Two (2) letters of recommendation (one letter of recommendation must be written by a SURP mentor), and**
- **A one-page personal statement on what your long-term goals are and what you expect to accomplish through participating in this program.**

Application materials should be sent by email ([hyun-min.hwang@tsu.edu](mailto:hyun-min.hwang@tsu.edu)) or delivered to Dr. Hyun-Min Hwang's office, TSU Science Building room 203A.

### **APPLICATION CHECKLIST**

- Completed application form**
  
- Two letters of recommendation**
  
- One page of personal statement on research objectives**
  
- Unofficial TSU transcript**

# WEEKLY WORKSHOPS FOR SUMMER UNDERGRADUATE RESEARCH PROGRAMS

(1:00 PM-2:00 PM, Room 156, Science Building)

- Workshop 1 (June 3): Research design and Lab report writing  
Speaker: Dr. Hyun-Min Hwang
- Workshop 2 (June 10): Responsible Conduct of Research  
Speaker: Dr. Hyun-Min Hwang
- Workshop 3 (June 17): Components of manuscripts, Part 1  
Speaker: Dr. Hyun-Min Hwang
- Workshop 4 (June 25): Components of manuscripts, Part 2  
Speaker: Dr. Hyun-Min Hwang
- Workshop 4-1 (June 26): How to use MS-Excel  
Speaker: Dr. Hyun-Min Hwang
- Workshop 5 (July 8): Preparation for oral and poster presentations  
Speaker: Dr. Hyun-Min Hwang
- Workshop 5-1 (July 9): How to use MS-Excel  
Speaker: Dr. Hyun-Min Hwang
- Workshop 6 (July 15): Data interpretation and statistics for research  
Speaker: Dr. Hyun-Min Hwang
- Workshop 7 (July 22): Preparation for Graduate Program Application  
Speaker: TSU Graduate Office Staff
- Workshop 8 (July 29): How to prepare for career  
Speaker: TSU Career Center Staff

## Statement of Agreement

We (student: \_\_\_\_\_, faculty mentor: \_\_\_\_\_ )  
agree that we will submit a draft and the final research manuscripts to Dr. Hyun-Min Hwang by August 7, 2019, and August 21, 2020, respectively. We understand that failure to do so will delay stipend payment and inhibit me (the student) from being considered as a recipient of any COSET sponsored scholarships/fellowships in the future.

Name of Student:

Signature of Student:

Date:

Name of Faculty mentor:

Signature of Faculty mentor:

Date:

TSU College of Science, Engineering and Technology  
Summer Undergraduate Research Program (SURP) 2020

**APPLICATION FORM**

Application Deadline: April 17, 2020

APPLICANT INFORMATION (PLEASE TYPE)

|  |           |             |            |
|--|-----------|-------------|------------|
| Name:  |           | Department: |            |
| TSU ID: T  | Phone:    | Email:      |            |
| Home address:  |           |             |            |
| City:  |           | State:      | ZIP Code:  |
| Average GPA  | Freshmen: |             | Sophomore: |
|  | Junior:   |             | Senior:    |
| List your most enjoyable subjects:   |           |             |            |
|  |           |             |            |
| Have you decided upon a career or area of further study?   |           | ( ) Yes     | ( ) No     |
| If yes, which area(s):   |           |             |            |
|  |           |             |            |
| List your extra-curricular activities, special honors, etc.:   |           |             |            |
|  |           |             |            |
| List research programs previously participated in :  |           |             |            |
|  |           |             |            |
| I understand that I must provide all required materials before the deadline to be considered for acceptance. I certify that all of the information above is true and accurate to the best of my knowledge. |           |             |            |
| Signature of applicant:  |           | Date:       |            |
| Name of Faculty Mentor:  |           | Department: |            |
| Signature of faculty mentor:   |           | Date:       |            |