

Sponsors:
Texas Juvenile Crime
Prevention Center
(COJJP) &
Office of
Undergraduate
Research (ORISP)

November 14, 2019 | 10 AM or 2PM |
Don Clark Building, Room 137

APPLYING FOR AN UNDERGRADUATE SUMMER RESEARCH PROGRAM



TO DO SUMMER RESEARCH

Exposure to Science

You may gain a better understanding of the scientific process from beginning an experiment, collecting data, analyzing results, and writing a manuscript.

Application and Development of Skills

Most summer programs will include multiple opportunities to practice presenting your research while receiving constructive feedback; and also may include participation in a Research Symposium.

Resources and Networking

You will be given access to materials which may not be available at your own university and professionals who can expand your network.

Travel

These opportunities allow you to travel to places where you might have already been, and in most cases, all of your expenses are covered (e.g., travel, accommodations, meals, and a stipend).



Keep in mind!

Look for summer research programs that are of interest to you and for your needs.

Use the resources available to you as well as this booklet to find programs and consult with your adviser or professor(s) in your major.



APPLICATION TIMELINE

Right now....

- Search for programs. Check various sites using search terms like "summer undergraduate research programs".
- Select programs of interest.
- Gather important information about programs (e.g., deadlines, requirements).

4-6 weeks before the deadline...

- Speak with faculty for letter(s) of recommendation. Tell them about the programs you are applying to and provide them with a current resume.
- Begin writing essay or statement as required. Write and rewrite!



Approaching the deadline...

- Request multiple persons to review and edit your statement.
- Order copies of transcripts (usually programs will accept unofficial ones).
- Gently remind your faculty who are writing letters of recommendations of your deadlines, if needed.



COMPLETING THE APPLICATION

For admission, most summer research programs will need:

- an application (usually online)
- current resume
- copy of your transcript - either unofficial or official
- personal statement/essay
- letter(s) of recommendation



Application

Read the directions for completing the application **completely**. Make sure you understand everything you need to submit.



Personal Statement

This is one of the most important parts of your application. Take your time to write and rewrite to best represent yourself. Ask several persons to review and help edit your statement. If applying to several programs, tailor each essay to each program. Make sure to send the correct version to the correct program!



Current Resume

Your resume should be a 1-2 page clear and concise summary of your educational and work experience, If you do not have work experience, focus on your volunteer experience, any research training with current faculty, and/or honors and awards. Work with the Career Services office for help with your resume.



Letter(s) of Recommendation

Choose faculty or others that know you and with whom you have had positive interactions and who can highlight your qualities to write letters. Give the people you have asked to write a recommendation enough time in advance to complete your letters - they are very busy people!



Transcript

Some programs will accept an unofficial copy; but, be sure to read the guidelines for this issue. Pay attention to the GPA requirements of the program; if they ask for a 3.0 GPA minimum and your GPA is less than this, consider looking at other programs where your GPA matches or exceeds the requirement.



SUMMER PROGRAMS

The **Summer Research Opportunities Program** (SROP) is a gateway to graduate education at Big Ten Academic Alliance universities. The goal of the program is to increase the number of underrepresented students who pursue graduate study and research careers. SROP helps prepare undergraduates for graduate study through intensive research experiences with faculty mentors and enrichment activities.
<https://www.btaa.org/resources-for/students/srop/introduction>

The **CDC Undergraduate Public Health Scholars** (CUPS) Program prepares a diverse body of students to consider public health as a career to ensure a future where the American public benefits from a more diverse and better trained public health workforce.
<https://www.cdc.gov/features/studentopportunities/index.html>

The **Summer Health Professions Education Program** (SHPEP) is a free summer enrichment program focused on improving access to information and resources for college students interested in the health professions.
<http://www.shpep.org/>

The **MD Anderson Summer Experience** is a collection of programs that give students an opportunity to explore careers in basic research through working in labs with faculty mentors. Programs include lectures, panel discussions and professional development sessions designed to prepare students for research careers.
<https://www.mdanderson.org/education-training/degrees-programs/summer-research-programs.html>

The National Science Foundation (NSF) funds a large number of **Research Experiences for Undergraduates** through its REU Sites program. An REU Site consists of a group of ten or so undergraduates who work in the research programs of the host institution. Each student is associated with a specific research project, where he/she works closely with the faculty and other researchers. Students are granted stipends and, in many cases, assistance with housing and travel. Undergraduate students supported with NSF funds must be citizens or permanent residents of the United States or its possessions. An REU Site may be at either a US or foreign location.
https://www.nsf.gov/crssprgm/reu/reu_search.jsp

Summer Research - Early Identification Program (SR-EIP) is a fully paid summer internship that provides undergraduates with training and mentoring in the principles underlying the conduct of research and prepares them to pursue competitive applications to PhD or MD-PhD programs.
<https://www.theleadershipalliance.org/programs/summer-research>



SUMMER PROGRAMS

The **University of Texas Center for Dynamics and Control of Materials** offers summer research for sophomore, junior or non-graduating seniors. Students will have the opportunity to work directly with faculty on interdisciplinary materials research projects involving chemistry, physics, materials science, and engineering disciplines.

<https://mrsec.utexas.edu/research-experiences-undergraduates>

Morehouse College Project Imhotep is an eleven-week summer internship program supported by the Centers for Disease Control and Prevention (CDC) Office of Minority Health and Health Equity (OMHHE).

<https://www.morehouse.edu/phsi/imhotep.html>

http://morehousecollege.formstack.com/forms/combined_application_2020

The **Friends of the Texas Historical Commission** has an 8-week, paid, summer internship placement within the Texas Historical Commission (THC). Internships are available to college students from Texas or studying to receive their undergraduate or graduate degree at a Texas college or university.

www.thcfriends.org/preservation-scholars-program

National Institute of Standards and Technology **Summer Undergraduate Research Fellowship** (SURF). SURF is designed to inspire undergraduate students to pursue careers in STEM (science, technology, engineering, and mathematics) through a unique research experience that supports the NIST mission.


<https://www.nist.gov/surf>

University of Rochester - **National Science Foundation Research Experiences for Undergraduates** (NSF REU). The Kearns Center provides academic advising and coordinates professional and social activities for many summer research programs within AS&E, including 4 NSF REU programs: Advancing Human Health, From Nano to Network; Computational Methods for Understanding Music, Media, and Minds; Nano-, Bio-, and Quantum Photonics Physics.

<https://www.rochester.edu/college/kearnscenter/undergraduate/reu/index.html>

INSIGHT Research Program. HIPRC's INSIGHT Research Program for graduate and undergraduate students is an intensive, eight-week summer internship for undergraduate students, graduate students and first-year medical students.

<http://depts.washington.edu/hiprc/education/insight/>



SUMMER PROGRAMS

Stipends for Training Aspiring Researchers (STAR) Program. The Stipends for Training Aspiring Researchers (STAR) Program is a paid summer research experience designed to encourage and support the research training of underrepresented minority and disadvantaged undergraduate and graduate students in the health, biomedical, and behavioral sciences.

<https://depts.washington.edu/hscmsp/programs/star/>

Neurological Surgery Summer Student Program. The University of Washington Medicine Department of Neurological Surgery Summer Student Program provides “Bench to Bedside” exposure in the field of neurosciences.

<https://neurosurgery.uw.edu/education/summer-student-programs>

Research Experience for Undergraduates at the Center for Neurotechnology. This program provides undergraduate students with opportunities to work on research projects with scientists and to take part in workshop training sessions in ethics, communications, and scientific presentation skills designed to provide the undergraduate scientist with a solid foundation for graduate study.

<http://csne-erc.org/content/research-experience-undergraduates>



**ON YOUR MARK, GET SET, GO!
START YOUR SEARCH FOR THE
PROGRAM THAT FITS YOU!**



NOTES

Resources

STAFF RESOURCES

Dr. Grace Abolaji
Wilhelmina Fitzgerald Delco Bldg., Office 133
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(936) 261-1565

Dr. Susan Frazier-Kouassi
Don Clark Bldg., Office 134
sfkouassi@pvamu.edu
(936) 261-5209

UNIVERSITY RESOURCES

Office of Career Services
Don Clark Building, Office 314
careers@pvamu.edu
(936) 261-3570

Writing Center
Hilliard Hall, Rm 121
(936) 261-3714

