

ALABAMA STATE UNIVERSITY



Academic Year Research Experience for Undergraduates Science, Technology, Engineering and Mathematics (STEM) Program Sponsored by the National Science Foundation: HBCU-UP Program

The HBCU-UP Program at Alabama State University invites undergraduates to participate in its academic year STEM Scholarship Program.

Purpose:

- ♦ To prepare undergraduates academically to enhance their competitiveness scientifically and professionally in STEM programs at the graduate level
- ♦ Allow undergraduates to learn about professional careers/opportunities in the STEM disciplines
- ♦ Provide training in research methodology through hands-on-experience

As a STEM Scholar:

- ♦ You will be assigned an independent research project by your mentor
- ♦ You will work hands-on with a research mentor
- ♦ You will be required to attend lab meetings, workshops, lectures and participate in campus-wide seminars
- ♦ You will be given an opportunity to participate in professional scientific meetings to present your research findings
- ♦ You will work in a laboratory 10 hours per week with a STEM faculty research mentor
- ♦ Students will receive a stipend of \$4,000 per academic year for a maximum of 2-3 (regular) academic years
- ♦ Individuals involved will be required to submit a fall and spring research progress report

Requirements:

- ♦ Be at least a full-time sophomore, junior or senior
- ♦ Have a cumulative GPA of 2.8 or higher (on a 4.0 scale)
- ♦ Have a strong determination and interest to enter a graduate program in the STEM disciplines
- ♦ Scholars must sign a scholarship memorandum of understanding
- ♦ Be nominated by one of the following Departmental STEM Faculty Mentors:

Department of Biological Sciences:

Dr. B.K. Robertson/Mrs. Sabita Saldanha

Department of Math and Computer Science:

Dr. Iraj Danesh/ Mr. Timothy Holland /
Dr. Raynetta Prevo/Dr. Carolyn Simmons/
Dr. Ana Tameru

Department of Math and Science:

Dr. Shreekumar Pillai

Department of Physical Sciences:

Mr. Elijah Nyairo / Dr. Douglas Strout

For further information, contact:

Dr. Shree R. Singh, Program Director
Life Science Building- Room 305
Alabama State University
915 S. Jackson St.
Montgomery, AL 36101
Phone: (334) 229-4850
Fax : (334) 229-4955

Questions?

Email: SSINGH@ALASU.EDU



Web site: <http://www.alasu.edu/hbcuup>

(This application package may be photocopied.)
APPLICATION PACKAGE



**SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)
SCHOLARSHIP PROGRAM
ALABAMA STATE UNIVERSITY**



RECOMMENDATION FORM

To be completed by applicant. *Please TYPE or print all responses.*

Complete the information above the dotted line. Give this form to your recommender and ask him/her to return the completed form and letter of recommendation directly back to you or the HBCU-UP Program Director or Program Staff.

Applicant's Name _____

I agree that the recommendation I am requesting shall be held in confidence by officials of Alabama State University and hereby waive any rights I may have to examine it. I Agree I Disagree

Applicant's Signature _____

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To be completed by the evaluator.

How long and in what capacity have you known the applicant? _____

Please rate the applicant in the following areas.

	Excellent	Good	Average	Poor	*N/A
Academic Performance					
Ability to conduct a supervised project					
Intellectual curiosity and/or creativity					
Self Motivation					
Motivation for doing research					
Breadth of Science background					
Written communication skills					
Oral communication skills					
Personal reliability and responsibility					
Potential for graduate/professional school					

***Not enough opportunity to observe.**

Please provide a written evaluation of the applicant, describing your knowledge of the applicant and reasons why you recommend his/her participation in the HBCU-UP Program as a STEM Scholar. **Applications will not be considered complete without your letter of recommendation.** Thank you for your willingness to assist in this evaluation.

Evaluator's Name _____

Organization and Title _____

Address _____

Telephone (_____) _____ E-Mail _____

Signature _____ Date _____

Please return the form and recommendation letter to: Dr. Shree R. Singh, Program Director • Life Science Building- Room 305 • Alabama State University • 915 S. Jackson Street • Montgomery, AL 36101

**SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)
SCHOLARSHIP MEMORANDUM OF UNDERSTANDING**

I, _____, understand that if an educational scholarship is awarded to me, I will enroll in and complete the STEM Program at Alabama State University. The amount of this scholarship is \$ 4,000 per academic year.

Accepting this scholarship means that I agree to:

1. Maintain full-time status until completion of the undergraduate course of study for which the scholarship is provided.
2. Maintain an acceptable level of academic standing in the approved course of study for which a scholarship is provided.
3. Submit to the program director, for approval, a course listing for the academic year.
4. Obtain approval from the program director before altering the approved course listing.
5. Attend and participate in all HBCU-UP sponsored academic and extracurricular activities.
6. Participate in research project assigned by the program director.
7. Provide an appropriate research progress report (fall and spring) to the program director.

I further understand that if I do not abide by the above stated terms that I may be dismissed from the program. At the time of dismissal, I will become responsible for repaying a portion of the scholarship amount used (approximately 50%). Arrangements for repayment will be made with the program director.

By taking a personal inventory of my circumstances, I am able to make the commitment needed to finish this program. I understand the amount of time and effort needed to graduate.

By signing this contract, I am agreeing that it is a fair and binding agreement. I understand and agree to all terms of the contract and will work to adhere to them.

IN WITNESS WHEREOF, I agree to the above and sign on this _____ day of _____, 20 ____.

Student's Signature

Date

Witnessed by:

Date

Program Director

Date

