

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 STEM undergraduates to participate in its academic year Research Training Scholarship Program.

Purpose:

- ♦ To academically prepare STEM undergraduates to enhance their competitiveness both scientifically and professionally for successful transition into STEM graduate programs
- ♦ Allow undergraduates to learn about professional careers/opportunities in the STEM disciplines
- ♦ Provide training in research methodology through “hands-on-experiences”

As a STEM Scholar:

- ♦ You will be assigned a research project by a STEM faculty research mentor
- ♦ You will work hands-on with a research mentor
- ♦ You will be required to attend lab meetings, structured enrichment program activities, developmental skills workshops, seminar lectures and participate in campus-wide seminars
- ♦ You will be given an opportunity to attend and participate in professional scientific meetings/conferences to present your research findings
- ♦ You will work in a laboratory 10-12 hours per week with a STEM faculty research mentor
- ♦ You will receive a stipend of \$7,500 per academic year for a maximum of 2-3 (regular) academic years
- ♦ You will be required to submit semester (fall and spring) research progress reports during the academic year

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 - MOU

For further information, contact:

Dr. Vida A. Dennis
Program PI and Director
Life Science Building- Room 307
Phone: (334) 609-9205

Dr. Komal Vig
Program Co-PI
Life Science Building-323
Phone: (334) 604-8189

Yvonne Williams
Program Assit. Director
Life Science Building- Room 306
Phone: (334) 604-8128

Juwana Smith Henderson
Program Associate
Life Science Building – Room 302
Phone: (334) 604-9143

Website:<http://www.alasu.edu/hbcuup>



(This application package may be photocopied.)
APPLICATION PACKAGE



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



Sponsored by
The National Science Foundation: HBCU-UP Program

I. APPLICANT INFORMATION:

Name: _____
(Last) (First) (MI)

ASU Student Number _____

Date of Birth: (mm/dd/yyyy) _____

Gender: Male Female

Ethnicity: *(Please make a selection)*

African American

Asian American/Pacific Islander

American Indian/Alaskan Native

Hispanic

Other (Specify): _____

U.S. Citizen Status: Yes No

Current Mailing Address: _____
(Street) (City) (State/Zip Code)

Telephone Number (_____) _____ - _____ E-Mail Address _____

Permanent Mailing Address: _____
(Street) (City) (State/Zip Code)

Major field of study _____ Classification _____ GPA _____

II. ACADEMIC INFORMATION:

1. List your **extra curricular activities** (both in and outside school); include volunteer work, community service projects, etc.:

2. List any **honors, scholarships, or awards** you have received (indicate date and nature of award):

3. List your **hobbies or special interests**:

4. What are your **academic and professional goals**?

STEM Scholarship

Name of applicant _____

5. In the space below, please write a brief explanation of why you should be chosen for this scholarship. Explain how your participation in the HBCU-UP Program will help you achieve your goals. (Use a separate sheet, if necessary).

III. REFERENCES (*List the name, address, and phone number of two faculty members who will submit letters of recommendation*):

NAME	DEPARTMENT	PHONE NO.
1. _____	_____	_____
2. _____	_____	_____

IV. NAME OF PROPOSED STEM MENTOR AT ASU _____

V. SIGNATURE OF APPLICANT

I hereby certify that the information given on this application is true to the best of my knowledge.

Name _____
Last First Middle

Applicant's Signature: _____ Date: _____

COMPLETED APPLICATIONS WILL BE PROCESSED AS RECEIVED. SEND APPLICATION AND TWO LETTERS OF RECOMMENDATION TO:

**Dr. Vida A. Dennis, Program Director
Life Science Building-Room 307
Alabama State University
1627 Harris Way
Montgomery, AL 36104**



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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 _____

.....
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 send the form and recommendation letter to: Dr. Vida A. Dennis, Program Director • Life Science Building-Room 307• Alabama State University • 1627 Harris Way • Montgomery, AL 36104



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