



Anthony Stewart, Ph.D., Project Director

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SUQSES Summer 2025 Research Program Description: The Southern University Quantum School of Engineering Science (SUQSES) at Southern University and A&M College in Baton Rouge (SUBR), LA, will immerse selected undergraduate students in mentoring, including experiential research training, during the summer of 2025. For eight (8) weeks, participants will engage in Quantum Information Science and Engineering research projects in the Electrochemistry and Energy Research Laboratory (EERL) and the High-Performance Computing Laboratory (HPCL) in the Department of Mathematics and Physics. Students will attend skills enrichment seminars in Python programming and linear algebra, featuring special guest speakers from academia and government agencies.

Planned mentoring activities are designed to enhance students' professionally, promoting competitiveness and science, technology, engineering, and mathematics (STEM) workforce development. Dr. Anthony Stewart, Associate Professor of Physics in the Department of Mathematics and Physics, serves as the Director of EERL and the Timbuktu Academy at SUBR. Funded by the Department of Energy (DOE), overall project efforts focus on curriculum development and education initiatives in various aspects of Quantum Information Science, specifically quantum computing, quantum communication, and quantum sensing.

APPLICATION

Name (Last, First, Middle): _____	U Number: _____
E-mail Address: _____	Date of Birth: _____
Major: _____	Cumulative GPA: _____
Classification: _____	Anticipated Graduation Date: _____
Mailing Address: _____	
City: _____	State: _____ Zip: _____
Contact Number: () _____	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female

***Ethnicity (Check all that apply):** *This optional information has no bearing on the selection process. It is strictly for statistical purposes.

____ African American	____ Asian American	____ Hispanic American
____ Native American	____ White American/ Caucasian	Other: _____

Citizenship (Please check one): _____ U. S. _____ Permanent Resident
(MUST BE A U.S. CITIZEN OR PERMANENT RESIDENT)

- ✚ Student Eligibility Criteria: (1) a minimum cumulative GPA of 2.8/4.0; (2) possess "Good Academic Standing" at SUBR; (3) pursuing a bachelor's degree in a science, technology, engineering, and mathematics (STEM) discipline; and (4) US citizenship or permanent residency.

SUQSES is funded by the Department of Energy (DOE).



- ✚ **Applicants must submit the following documents** with this completed application: **(a)** academic transcript, **(b)** updated resume, **(c)** two (2) letters of recommendation (Note: Recommender must be a college professor, advisor/counselor, research supervisor, etc.), and **(d)** personal statement or essay (1-page, single-spaced, 11 point font, Times New Roman) describing your interest in STEM, overall career goals, and professional experience including involvement in organizations, and previous scientific experience(s) (i.e., research training/internships, awards/recognitions, technical presentations, publications, etc.).

****Application Submission Deadline -- 5:00 PM CST, May 16, 2025****

Incomplete applications will not be considered!!

Submit Completed Application and Requested Documents to anthony.stewart@sus.edu.

*My signature below acknowledges that I have read, understand, and agree to the program requirements and the information provided above and within my supporting documents is true, accurate, and complete to the best of my knowledge:

Student's Signature

Date

