



**Dolores Margaret Richard Spikes
Mathematics Bootcamp Summer 2026**
Department of Mathematics and Physics
Southern University and A&M College
Baton Rouge, LA 70813

The Dolores Margaret Richard (DMR) Spikes Mathematics Bootcamp Summer 2026 will be held on the campus of Southern University Laboratory School, in Baton Rouge (SUBR), June 1-19, 2026, for students currently in grades 11th and 12th. This 3-week program entails a myriad of enriched activities designed to cultivate participant awareness and understanding of Quantum Mechanics & Computing for real-world applications. Selected students will focus on math and science competencies essential for college matriculation in Quantum Information Sciences & Engineering (QISE) related fields. Participants will engage in experiential quantum computing research and attend a lecture series of guest speakers, featuring innovative topics in science, technology, engineering, and mathematics (STEM) and particularly, quantum computing to prepare them for lucrative careers in the STEM workforce.

Selection Criteria:

- *Currently in 11th – 12th grade as of spring 2026*
- *Possess at least a minimum 2.5/4.0 Grade Point Average (GPA)*
- *Acceptable conduct/disciplinary record*
- *Intention to pursue an undergraduate degree in a STEM field, particularly Mathematics and/or Physics*

For Consideration, applicants are required to submit the following:

- **Completed application;** contact Dr. Anthony Stewart at anthony.stewart@sus.edu
- **High school transcript**
- **Conduct/disciplinary record**
- **Resume'** (list school activities in which you have participated, i.e., clubs and organizations, awards, volunteerism, etc.)
- **Two (2) recommendation forms** (completed by a mathematics teacher and an official familiar with your distinct academic potential, personal attributes, etc.)
- **Photo & Medical Consent Form** (signature required by student and parent/guardian)

Program Name: Dolores Margaret Richard Spikes Mathematics Bootcamp

Dates/Times: June 1-19, 2026, from 9:00 AM to 1:00 PM (Student pick-up by 1:30 PM)

Location: Southern University Laboratory School

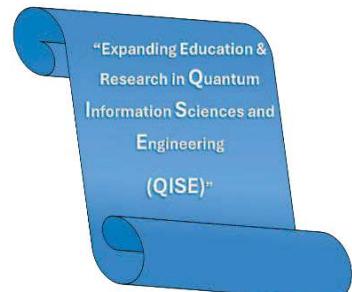
Application Deadline: **February 28, 2026**

Meal cards for Mayberry dining hall will be provided for lunch

Project Director/Coordinator: Dr. Anthony Stewart, IBM-HBCU Quantum Center Fellow & Associate Professor of Physics, Department of Mathematics and Physics and Director, the Timbuktu Academy, SUBR, anthony.stewart@sus.edu

Co-Investigator of the Timbuktu Academy: Dr. Diola Bagayoko, Southern University System (SUS) Distinguished Professor Emeritus of Physics and Director Emeritus of the Timbuktu Academy, SUBR, bagayoko@aol.com

Send inquiries to: tstew08@gmail.com





DMR Spikes Mathematics Boot Camp at the Timbuktu Academy

Department of Mathematics and Physics
Southern University and A&M College
Baton Rouge, LA 70813

APPLICATION

Name: _____ Date of Birth: _____
(FIRST) (MIDDLE) (LAST)

Address (City, State, Zip): _____ Male Female

Name of School: _____ Current Grade: _____ Cumulative GPA: _____

Phone Number: _____ Email Address: _____

Ethnic Background (FOR STATISTICAL PURPOSES ONLY; THIS IS NOT A FACTOR IN THE SELECTION PROCESS)

African American/Black
 Asian American
 Hispanic American

Native American
 White American/Caucasian
 Other _____

US Citizen/Permanent Resident: YES NO

Intended College Major _____
(i.e., physics, engineering, chemistry, mathematics, computer science, biology, agriculture, etc.)

Parents/Guardians' Name _____

Phone Number: _____ Email Address: _____

Highest Grade Completed by Mother _____ Father _____

List below the name, title/affiliation, and office phone number of two (2) individuals you have asked to provide a recommendation. NOTE: INDIVIDUALS MUST BE HIGH SCHOOL SCIENCE, ENGLISH, AND MATHEMATICS INSTRUCTORS OR COUNSELORS.

Name _____ Title _____ Telephone _____

Name _____ Title _____ Telephone _____

Student's Signature _____

Signature of Parent or Guardian _____



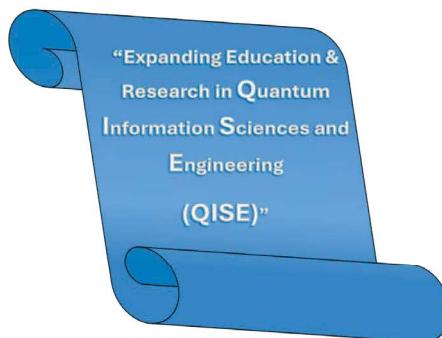
Required Attachments:

1. **High school transcript**
2. **Conduct/disciplinary record**
3. **Resume'** (list school activities in which you have participated, i.e., clubs and organizations, awards, volunteerism, etc.)
4. **Two (2) Recommendation Forms** (completed by a mathematics teacher and an official familiar with your distinct academic potential, personal attributes, etc.)
5. **Personal Statement** (1-page essay describing your interests in science and mathematics, previous science experiences [science fairs/rallies, summer research, summer enrichment, etc.], and career goals)
6. **Signed Photo and Medical Consent Form** (signature required by student and parent/guardian)

INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED!!

*****APPLICATION DEADLINE: February 28, 2026*****

Send questions/concerns to tstew08@gmail.com or to Dr. Anthony Stewart, DMR Spikes Mathematics Bootcamp Project Director, anthony.stewart@sus.edu





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PHOTO & MEDICAL CONSENT FORM

Name: _____ Date of Birth: _____
(FIRST) (MIDDLE) (LAST)

Address (City, State, Zip): _____ Male Female

Phone Number: _____ Email Address: _____

Parents or Guardians' Name _____

Phone Number: _____ Email Address: _____

PHOTO CONSENT – I authorize the DMR Spikes Mathematics Bootcamp, at Southern University and A&M College, to capture interactive photos of my child throughout the duration of the summer camp. Additionally, my signature below grants permission to utilize these photos, with the public & private stakeholders, for reporting and illustrative purposes:

Student's Signature _____

Signature of Parent or Guardian _____

MEDICAL CONSENT - In case of minor injury/accident or attendant need for medical treatment, I authorize the DMR Spikes Mathematics Bootcamp, at Southern University and A&M College, to transport my child to the SUBR Infirmary for minor care, prior to receipt of my child for follow-up medical care:

Student's Signature _____

Signature of Parent or Guardian _____