



2026 NSF RTG* SUMMER RESEARCH EXPERIENCES

MATHEMATICAL FOUNDATIONS OF ARTIFICIAL INTELLIGENCE (AI) & DATA SCIENCE (DS)

MAY 18 – JUNE 14, 2026



Program Overview

- This 4-week summer school is designed to engage Undergraduate Students in collaborative research projects in the mathematical foundations of AI/DS under the guidance and mentorship of Auburn University and Tuskegee University Faculty.
- Students will take short courses offered by program Faculty to learn about essential topics in the mathematical foundations of machine learning, optimization, statistics, the algorithmic aspects of AI/DS and biases in data and algorithms.
- Students will have an opportunity to participate in a networking workshop which will convene leading specialists to discuss recent advances and open problems in the mathematical foundations of AI/DS and their cross-cutting applications in various STEM disciplines.

Eligibility

- STEM Majors who are rising Juniors and Seniors
- U.S. Citizens or Permanent Residents

Award

- Stipend of \$3,640 for the full 4-week program
- Housing at Tuskegee University covered
- Travel allowance to the Summer School site and to Conferences to disseminate research findings

APPLY NOW

DEADLINE: FEB 15, 2026



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*Research Training Groups in the Mathematical Sciences (RTG)