

AgriTREK/SciTREK

Summer Institute

The two-week residential program creates an awareness of the educational and career opportunities that are available in agricultural and related sciences through hands-on research, leadership development and personal enrichment activities. Scholars, students participating in AgriTREK/SciTREK, conduct intensive research under the guidance and mentoring of professors and graduate students who expose them to the latest developments in science and technology through research projects based on their career interests. Research outcomes are presented in a poster symposium at the end of the program. Additionally, scholars will take part in seminars and workshops on leadership development; the ultimate goal is to provide a holistic approach in training and mentoring these scholars as future leaders having positive impact in their schools and communities.



Program Location and Support

Tuskegee University (TU), one of the nation's premier historically black colleges and universities, is partnering with school systems to alleviate the low representation of minorities in the Agriculture and related disciplines related workforce by addressing:

- limited hands-on laboratory-based exposure;
- limited infrastructure and resources for underserved minority schools; and
- the need for leadership training.

This initiative will re-enforce the curricula in agriculture and related disciplines at the pre-collegiate level by promoting a more effective pipeline of minority students through exposing them to hands-on laboratory-based training and leadership development workshops. In the summer of 2004, the College of Agricultural, Environmental, and Natural Sciences (CAENS) in collaboration with the College of Engineering at Tuskegee University and (Southeastern Consortium for Minority Engineer (SECME), Incorporated developed AgriTREK/SciTREK. The USDA-CSREES (now NIFA) sponsored program was implemented to expose 9-12th grade students and teachers from counties in Alabama Black Belt to the latest developments in agriculture and related disciplines.



Facilities

- TU has state of the art computers, equipment, laboratories, and field stations.
- Students will also have access to classrooms, library, and recreational facilities.



Students

Applicants should encompass a strong desire to pursue collegiate education with an interest in agriculture and related sciences, such as chemistry, biology, engineering, agribusiness, food sciences, forestry, plant and soil sciences, animal science/veterinary medicine.



Participant Benefits

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- There is no cost associated with participation;
- Participants are given a stipend to defray the cost of traveling to Tuskegee University;
- Scholars will be given information about scholarships and internship opportunities;
- Fully equipped and functional science lab will be donated to high schools; and
- Participants are exposed to enquiry-based hands-on learning and personal enrichment.

Potential Research Areas

Plant and Soil Sciences
Animal Science/Pre-Vet
Chemistry
Biology
Forestry
Wildlife
Environmental Science
Food Science
AgriBusiness
Engineering



Join Us!

Application Requirements

Submit a completed and signed application, 2-page essay, parental release form, three reference letters, proof of age and enrollment, a signed student/parent contract and a signed picture release form. *For program dates (usually early June) application materials and application deadlines (usually early April) contact us.*

Program Contacts

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*“Preparing the Next Generation of
Research Scientists and Engineers*

Tuskegee Research & Enrichment Kamp Summer Institute



**College of Agricultural, Environmental
and Natural Resources Sciences**

College of Engineering

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