

# OKLAHOMA

## Louis Stokes Alliance for Minority Participation



# SCHOLAR (OK-LSAMP)

Funded by a grant through the



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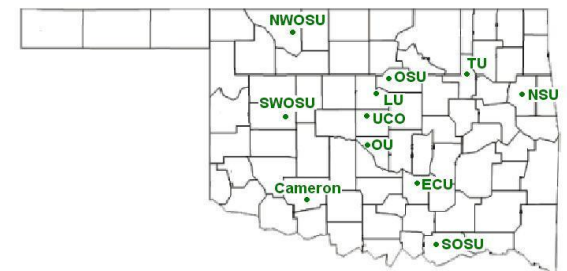
## OK-LSAMP

The Oklahoma Louis Stokes Alliance for Minority Participation (OK-LSAMP) is designed for students majoring in Science, Technology, Engineering and Mathematics (STEM) fields. Funded by the National Science Foundation (NSF), the LSAMP program began in 1994 when Oklahoma institutions of higher education joined forces to significantly increase the recruitment, enrollment and retention of under-represented minority students in STEM disciplines.

The LSAMP program is named after retired Ohio Congressman Louis Stokes, who is responsible for numerous minority focused programs through the NSF and the National Institute of Health (NIH).

The Oklahoma program nurtures and assists students through the undergraduate program while creating opportunities for students to pursue graduate degrees in their selected STEM disciplines.

OK-LSAMP scholars are provided with opportunities to interact with faculty and scientists, participate in research activities, present at national conferences, and prepare for the transition into graduate programs or the workforce.



Oklahoma State University in compliance with Title VI and VII of the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendments of 1972, Americans with Disabilities Act of 1990, and the federal laws and regulations, does not discriminate on the basis of race, color, national origin, sex, age, religion, disability, or status as a veteran in any of the policies or procedures. This includes, but is not limited to, admissions, employment, financial aid, and educational services. This publication is issued by Oklahoma State University and printed by OK-LSAMP at no cost to the taxpayers of Oklahoma.

# ***BENEFITS & REQUIREMENTS***

## Benefits

Benefits of the OK-LSAMP program include, but are not limited to:

- ◆ \$500 - \$2,000 stipend per semester
- ◆ Paid summer research internship
- ◆ Research projects in state-of-the-art laboratories with faculty mentors
- ◆ Peer mentoring
- ◆ Opportunities to develop independent research projects, perform data collection, analyze data and conduct final analysis
- ◆ Travel opportunities to present research projects at state and national science conferences
- ◆ Opportunities to prepare for graduate school through GRE preparation modules

## Requirements

- ◆ Minimum 3.00 cumulative or graduate/retention GPA
- ◆ Full-time student status in approved STEM field
- ◆ U.S. citizenship or permanent residency
- ◆ Demonstrated intent in pursuing investigative studies and a graduate degree in STEM discipline
- ◆ Demonstrated desire to promote the efforts of the OK-LSAMP in underrepresented communities
- ◆ Participation and contribution to program activities

# ***RESPONSIBILITIES***

## Scholars are expected to:

- ◆ Maintain a 3.0 GPA
- ◆ Maintain continued full-time enrollment in eligible STEM program
- ◆ Participate and contribute to program activities
- ◆ Attend monthly scholar meetings
- ◆ Participate in 5-10 hours per week in research activities under the guidance of a faculty mentor (may enroll in 3 hours of departmental special problems class)
- ◆ Attend an Ethics in Science Workshop
- ◆ Participate in the OK-LSAMP Annual Research Symposium
- ◆ Participate in summer research internship (Required of junior and senior scholars) Internships are paid, 40 hours per week, under the guidance of a mentor. Submit a minimum of 5 internship applications
- ◆ Provide leadership and peer mentoring
- ◆ Complete online GRE Prep Course
- ◆ Complete the GRE exam
- ◆ Submit a minimum of 5 applications to graduate schools



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# ***IDENTIFIED MAJORS***

## Sciences

Agronomy  
Animal Science  
Biochemistry & Molecular Biology  
Biology  
Botany  
Cell & Molecular Biology  
Chemistry  
Entomology & Plant Pathology  
Forestry  
Geology  
Horticulture  
Meteorology  
Microbiology  
Molecular Genetics  
Nutritional Sciences  
Physics  
Zoology

## Technology & Engineering

Biosystems Engineering  
Chemical Engineering  
Civil & Environmental Engineering  
Industrial Engineering  
Mechanical & Aerospace Engineering  
All Engineering Technologies

## Mathematical Sciences/Information Systems

Mathematics  
Management Information Systems  
Management Sciences  
Computer Sciences  
Computer Systems  
Statistics

