



Mathematical Biology

RESEARCH EXPERIENCES FOR UNDERGRADUATES

A Joint Summer Program funded by the National Science Foundation

May 30 - July 29, 2022

Program: The Department of Mathematics and Statistics at North Carolina A&T State University and the Department of Mathematics and Statistics at Elon University will host a Summer Research Experience for Undergraduates (REU) Program in Mathematical Biology. Participants will spend nine weeks on the campus of North Carolina A&T State University* conducting research in fields of mathematical biology, including toxicology, epidemiology, ecology, and biostatistics.

Eligibility: The program is open to undergraduate students (or advanced high school students) majoring in mathematics or a closely related field. Participants must be USA citizens or permanent residents. Applicants should have completed at least Calculus II or its equivalent prior to the start of the program.

Award: REU Participants will receive:

- \$5,000 stipend
- On-campus housing
- Partial meal allowance

Application: To apply, please submit the following items by e-mail to luke@ncat.edu.

- A completed application form
- Two letters of recommendation with at least one letter from a mathematics professor
- An essay of 250-500 words describing your research interests, educational interests, and professional plans
- An unofficial transcript

Review of applications will begin on February 7, 2022.

For more information, or to download an application, visit <http://www.ncat-elon-jointreu.info>

If you have specific questions about the program, please contact Dr. Nicholas Luke (luke@ncat.edu) or Dr. Karen Yokley (kyokley@elon.edu).

*If circumstances surrounding the COVID-19 pandemic prevent a residential REU program, the program will be conducted virtually.



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