NSF-Research Experiences for Undergraduates

Mathematical, Statistical and Computational Methods for Problems in the Life Sciences

June 6, 2022-July 29, 2022
Texas Tech University

Eligibility: U.S. Citizen or Permanent Resident

Stipends: $4,400 + housing, travel, meal stipend

Application Deadline: March 6, 2022

- **Project 1**: Statistical Learning of Binding Activity Using Structural Characteristics of Protein Binding Sites
  Faculty Mentor: Leif Ellingson

- **Project 2**: Demographic and Environmental Variability on Population and Disease Extinction
  Faculty Mentor: Linda J S Allen

- **Project 3**: Friedrichs Learning
  Faculty Mentor: Chunmei Wang

REU Activities: Eight-week program that includes: Orientation, Short courses on mathematical, statistical and computational topics and use of software, Professional development, Focused research activities guided by faculty, Collaboration with 2 or 3 students on a research project, Outside speakers, Student poster and oral presentations, Written project reports, Student social activities at TTU.


Application [https://www.mathprograms.org/db/programs/1231/](https://www.mathprograms.org/db/programs/1231/)

Questions please contact math.reu@ttu.edu

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- National Science Foundation*
- Mathematics & Statistics, TTU

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