

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.

More details please visit <http://www.math.ttu.edu/undergraduate/reu2022/>

Application <https://www.mathprograms.org/db/programs/1231/>

Questions please contact math.reu@ttu.edu



Financial Support

- **National Science Foundation***
- **Mathematics & Statistics, TTU**

