NSF-Research Experiences for Undergraduates

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

Virtual Program
June 7, 2021-July 30, 2021
Texas Tech University

Eligibility: U.S. Citizen or Permanent Resident

Stipend: $4,400

Application Deadline: April 15, 2021

• Project 1: Numerical Analysis and Simulation for Nernst-Planck Model
  Faculty Mentor: Chunmei Wang

• Project 2: Environmental Heterogeneity in Zoonotic Infectious Diseases
  Faculty Mentor: Linda J S Allen

• Project 3: Einstein paradigm of non-linear Brownian motion, Theory and Application
  Faculty Mentor: Akif Ibragimov

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.

More details please visit http://www.math.ttu.edu/undergraduate/reu2021/
Application https://www.mathprograms.org/db/programs/1105/
Questions please contact math.reu@ttu.edu

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• Mathematics & Statistics, TTU

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