Theoretical and Application Driven Mathematics

RESEARCH EXPERIENCE FOR UNDERGRADUATES

June 04th – July 29th, 2023
Texas A&M University - Commerce

Twelve undergraduate students will be selected to participate in the NationalScience Foundation - sponsored eight-week TADM-REU program. Underrepresented groups in STEM fields, including African and Hispanic Americans, women, first-generation college students, and students from regions with limited resources and research opportunities, are encouraged to apply.

★ *Eligibility: Participants must be U.S. citizens or permanent residents.*
★ *Stipends: $4,800, housing and travel support.*

Research Projects

- Project 1: Area difference under complex analytic mappings (Mentor: Mehmet Celik)
- Project 2: Graph based quantum error-correcting codes (Mentor: Padmapani Seneviratne)
- Project 3: Stability, boundedness & applications of differential equations (Mentor: Tingxiu Wang)

REU Activities

The eight-week program will include an orientation, introduction to computer algebra systems and LaTex, collaboration on a research project with faculty mentors, and other REU students, weekly guest speakers from academia and industry, roundtable discussions, a field trip to a research institution, written project reports, final presentation, and social activities.

WEBSITE - QRCODE

TO APPLY Submit a letter of interest, unofficial transcripts, a reference letter, and a ranking of projects in which you would like to participate. At: https://www.mathprograms.org/db/programs/1464 website. *By April 7th 2023.*

SCAN ME

For further information, contact **padmapani.seneviratne@tamuc.edu**

TEXAS A&M UNIVERSITY-COMMERCE