

**The Department of Mathematical Sciences REU 2024
at the University of Texas at Dallas,
sponsored by Pioneer Natural Resources**

Applications are invited from undergraduate students for an 8-week REU, from June 7 to August 2, sponsored by Pioneer Natural Resources. The REU is organized by the Department of Mathematical Sciences at UT Dallas. Students will be paid room and board at UTD Residence Halls and a stipend of \$4000 for students who complete the program.

Topics covered include:

- Invariants of Knots and Links
- Coxeter Groups and Braid Varieties
- Matrices and Algebraic Geometry
- Topics in General Relativity: Black Holes and Lie Groups

Preference will be given to students who have not participated in REUs at UTD already. Please send a cover letter explaining interest and unofficial transcripts. The deadline for application is **May 10, 2024**.

The contact person is Professor Viswanath Ramakrishna
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