

## RESEARCH EXPERIENCE FOR UNDERGRADUATES THE UNIVERSITY OF TEXAS AT DALLAS

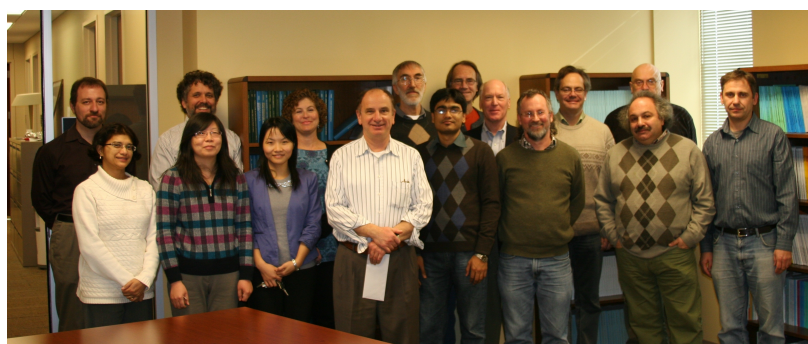
The Department of Mathematical Sciences at The University of Texas at Dallas, in a unique partnership with Pioneer Natural Resources, is offering a Pioneer Fellowship to especially **well-qualified undergraduate students**.

### ABOUT THE PIONEER FELLOWSHIP

This research program is available to undergraduate juniors and seniors who are U.S. citizens or permanent residents.

1. An 8-week summer program during which each selected student will **work directly with a faculty member** in The Department of Mathematical Sciences on an innovative research project.
2. At the conclusion of the summer, each selected student will report their findings during a poster presentation that is open to the public.
3. Program stipend covers travel funds up to \$600.00, housing and a weekly food allowance.
4. The total **stipend is valued at \$5,000.00**.

In late January, 2014, a committee comprised of faculty from the Math Department will review all the applications and **three students will be selected** for this special fellowship.



### FACULTY RESEARCH INTERESTS

Our research has **interdisciplinary applications** to problems in bio-medicine, engineering, and the sciences. The **research interests** of our faculty include:

- Biostatistics
- Computational Mathematics
- Differential Equations
- Dynamical Systems and Control Theory
- Geometry and Topology
- Inverse Problems
- Nonlinear Functional Analysis
- Numerical Analysis
- Probability
- Statistics.



### CONTACT US FOR AN APPLICATION

A complete online application, available by sending an email request to [utdmath@utdallas.edu](mailto:utdmath@utdallas.edu), requires:

1. A written statement describing why you should be selected.
2. Curriculum vitae.
3. Official transcript.
4. 2 letters of recommendation.

To obtain more information about The Department of Mathematical Sciences visit our website at <http://www.utdallas.edu/math/>