RESEARCH EXPERIENCES FOR UNDERGRADUATES:

Surface Engineering for Sensing, Energy & Nanoelectronics

Department of Materials Science and Engineering
Erik Jonsson School of Engineering & Computer Science
The University of Texas at Dallas

Experience research in surface engineering with applications in areas including nanoscale electronics, photovoltaics, catalysts, batteries, fuel cells, thermoelectrics, heat transfer systems and sensors. In addition to an immersive 10-week research experience, the program also includes:

- Introductory short course in surface engineering and materials science
- State-of-the-art instrumentation, cleanroom, characterization and microscopy facilities
- Research seminars and informal discussions with faculty and outside experts
- Visits to local high-tech industries in the nearby "Telecom Corridor"
- Seminars on the business and ethics of science and engineering
- Career planning presentations

Fellows will receive a stipend of $5000, on-campus housing and meals and a travel allowance if originating far from Dallas. We encourage applications from students from underrepresented groups, veterans, and/or students attending institutions with limited research opportunities.

For further information and application instructions, visit mse.utdallas.edu/REU

Application review will begin February 16th. We look forward to seeing you this summer!