Faculty Mentorship Opportunities in NASA CAMEE at UTSA

Applications are open to serve as a Faculty Mentor for the NASA Center for Advanced Measurements in Extreme Environments (CAMEE) at UTSA for a period of 10 weeks during the Summer semester of 2020. The UTSA faculty mentor will work with community college student interns on topics that are aligned with the NASA CAMEE. The student interns will receive a stipend of $4,000 to participate in the program and they will present their results in the CAMEE Annual Conference (scheduled August 20-21, 2020). The applications are limited to faculty from the UTSA colleges of Engineering, Sciences, and Liberal and Fine Arts. Further information about NASA CAMEE can be found at [http://www.utsa.edu/NASA-CAMEE/vision.html](http://www.utsa.edu/NASA-CAMEE/vision.html).

Faculty mentors will have the opportunity to help develop and train aspiring community college researchers from the Alamo Colleges District. We will select 10 students from the district to participate in research at the University of Texas at San Antonio.

The application deadline is March 1st, 2020. The application should include a 2-page CV of the faculty and a brief description of the research problem that the student will be working on. Details of the skills or domain areas knowledge that the student should have to participate in the research should also be included.

The application should be emailed to camee@utsa.edu. Any questions regarding this opportunity should be directed to Karla Kidd at camee@utsa.edu or Tel: 210-458-4924.

The faculty mentors are welcomed to write joint proposals with NASA CAMEE core faculty and/or run their proposals through the Center.

NASA CAMEE: The Center for Advanced Measurements in Extreme Environments (CAMEE) is an interdisciplinary research center with collaboration between the colleges of Engineering and Sciences at UTSA, NASA labs, University of California Los Angeles, and University of Colorado Boulder. The team conducts high-fidelity numerical, experimental and field studies on atmospheric/oceanic extreme events, polar sea-ice, Martian environment and hypersonics to understand extreme events in the atmosphere, ocean, and sea-ice. CAMEE faculty expertise includes polar sea ice and remote sensing (Dr. Hongjie Xie and Prof. Steve Ackley), oceanic measurements (Dr. Alberto Mestas-Nuñez), high-fidelity modeling of atmospheric and oceanic turbulence and design of Mars rovers for extreme environments (Dr. Kiran Bhaganagar), and hypersonic wind tunnel measurements and imaging techniques (Dr. Chris Combs).