

## RS Dallas Chapter Members Meeting with REU Students of 2021

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Since 2009, the Dallas Chapter of IEEE Reliability Society (RS) has actively engaged in the *Research Experiences for Undergraduates* (REU) program organized by the Department of Computer Science at the University of Texas at Dallas (UTD) under the supervision of Professor W. Eric Wong. This is funded by the US National Science of Foundation (NSF) with ten undergraduates selected nationwide for a ten-week research program. A special welcome is extended to students from underrepresented groups (women, minorities, and persons with disabilities) and academic institutions with limited research opportunities.

The focus is on “*software safety and reliability*”, however, the technology and skills learned by the students have general applicability to research and practice in their future studies. We provide a close collaboration with our industry partners. In addition to working on assigned research projects at UTD, lectures by practitioners from Lockheed Martin Aeronautics Company and Argo Data will be arranged to help the students better understand how software safety and reliability is adopted in practice for real-life applications. This also gives students a chance to directly communicate with engineers to receive a first-hand account of work environments and lifestyles in the industry.

This year is the 13<sup>th</sup> consecutive edition that runs from May 17 to July 23, 2021. Due to the ongoing pandemic, this program will be operated in a virtual mode via Zoom and/or other appropriate apps. The 2021 cohort includes students from:

- The University of Texas at Dallas
- Dallas Baptist University
- New Mexico State University
- Texas Woman’s University
- Mountain View College
- Midwestern State University
- Northern Virginia Community College
- Mercer University
- University of Arkansas at Fayetteville

Similar to before, many IEEE members of the Dallas Section with some also being a member of the RS Dallas Chapter have provided significant assistance to make our REU program a great success. We give special acknowledgments to the following volunteers:

- Lon Chase, former RS AdCom member, Vice Chair of RS Dallas Chapter
- Paul Tiner, Technical Program Chair of RS Dallas Chapter
- Linghuan Hu, Student Member of RS Dallas Chapter
- Dongcheng Li, Student Member of RS Dallas Chapter
- Dennis Frailey, Members of Dallas Section
- Mike Siok, Member of IEEE Fort Worth Section