NSF HBCU-RISE Extreme Weather Research Center

In the NSF-funded HBCU-RISE Extreme Weather Research Center (EWC), we conduct research on the orographic and climate impacts on extreme weather and climate events, dynamics, and modeling with focus on wildfires and hurricanes. The EWC is composed of 4 principal investigators, Drs. Y.-L. Lin, M. L. Kaplan, A. Mekonnen, and J. Zhang, graduate fellows, and undergraduate scholars.

Graduate Fellows:
With support from the National Science Foundation, North Carolina A&T State University (NCAT) is creating an Extreme Weather Center (EWC) to study extreme weather events such as wind-driven wildfires and intense hurricane precipitation over complex terrain. The EWC will provide education and training to Ph.D. students to study the orographic effects of wildfire formation and evolution; orographic effects of precipitation associated with landfalling hurricanes; and the impact of changing climate on the extreme events of wildfires and hurricane precipitation over the mountainous area. Interested students are strongly encouraged to apply for graduate study <https://www.ncat.edu/academics/graduate-programs/index.php> at NCAT.

Undergraduate Scholars:
In addition to the Graduate Fellows, we also encourage high-school graduates and community college students to apply for our ASME-BS degree program, so that they can apply for the Undergraduate Scholars to gain research experiences with the PIs and graduate fellows.

For further information, please contact Dr. Yuh-Lang Lin at ylin@ncat.edu).