NOAA-CREST Research Fellowship

NOAA-CREST CENTER, The Grove School of Engineering

The NOAA-CREST Center (Cooperative Remote Sensing Science & Technology) is the National Oceanic and Atmospheric Administration’s resource enterprise in Earth and environmental systems for the eastern U.S. and the Caribbean region.

The mission of NOAA is to understand and predict changes in the Earth’s environment, and to conserve and to manage coastal and marine resources to meet our nation’s economic, social, and environmental needs. Its scientists use cutting-edge research and high-tech instrumentation to provide citizens, planners, emergency managers and other decision-makers with the reliable information they need in a timely manner.

NOAA-CREST conducts research to fulfill NOAA’s missions, with focus on:

- Climate Applications and Remote Sensing (CARS)
- Tropospheric Remote Sensing and Air Quality (TRAQ)
- Remote sensing of coastal waters
- Precipitation and water resources
- Land and hydrology

The NOAA-CREST Center offers generous fellowship packages to undergraduate, master’s, and Ph.D. students of partner schools to engage in research with world-renowned faculty members.

As a CREST Fellow, you are entitled to:

- Work at CREST facilities
- Attend seminars and conferences
- Visit various NOAA facilities across the nation
- Work with NOAA scientists
- NOAA-funded scholarship programs
- Opportunities for professional careers at NOAA or other federal, state, and local agencies and industries alike
- Opportunities to publish research work in professional journals and conference proceedings (See examples of CREST fellows’ work on pages 18-23 and 39-57 in this journal.)

Applicant eligibility: U.S. citizen with GPA 3.0 and above.

Contact NOAA-CREST:

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Dr. Reza Khanbilvardi, CREST Center Director with students and research scientists in the Environmental Remote Sensing Lab.