The Cyber-ShARE Center

Created in 2007, the Cyber-ShARE Center brings together experts in computer science, computational mathematics, education, earth science, and environmental science. The team addresses the challenge of providing information to scientists and other users of CI that allows them to make informed decisions about the resources that they retrieve and to have confidence in using results from CI-based applications. The Cyber-ShARE team conducts innovative research to facilitate the development of CI-based applications and increase their use by scientists by enhancing CI results with provenance information, trust recommendations, and uncertainty levels (areas that are recognized as essential for the success of CI); by creating scientist-centered tools and artifacts; and by contributing CI resources to appropriate CI portals.

Demographics of Cyber-ShARE Student Researchers:

- **Gender**:
  - MALE: (10; 56%)
  - FEMALE: (8; 44%)

- **Classification**:
  - UG: (6; 33%)
  - MASTERS: (4; 22%)
  - PHD: (8; 45%)

- **Ethnicity**:
  - HISPANIC: (8; 45%)
  - NON-HISPANIC: (2; 11%)
  - INTERNATIONAL: (3; 17%)

Selected Publications


On the Web

For more information about the Cyber-ShARE Center, please visit our website at: www.cybershare.utep.edu

Cyber-ShARE Center

University of Texas at El Paso
500 University Avenue
Geology Building, Rm 124
El Paso, TX 79968

Director
Dr. Ann Gates (PI)
agates@utep.edu

Assistant Director
Dr. Rodrigo Romero
raromero2@utep.edu

Environmental Science and Computer Science Ph.D. students Santonu Goswani and Irbis Gallegos, respectively, pointing to their data quality monitoring system that remotely verifies the quality of sensor data transmitted from a robotic tram system in Barrow, Alaska.

Gender Classification Ethnicity

MALE: (10; 56%)
FEMALE: (8; 44%)
HISPANIC: (8; 45%)
NON-HISPANIC: (2; 11%)
INTERNATIONAL: (3; 17%)

Ph.D. Environmental Science student Aline Jaimes at the Jornada Basin experimental range in the northern Chihuahuan Desert, New Mexico, where she is working on an eddy covariance and bio-mesonet tower to measure CO₂, energy, and water balance.