



iCREDITS

NMSU SMART GRID CREST CENTER



Job Opportunities

We want you!

Interested in **Science and Technology**?
Ever wondered **what is a smart grid**?
Want to learn more about electricity?
Want to create and control smart devices to enable the smart grid?
Be a part of the **team of experts working on the next-generation smart grid technologies** at the iCREDITS Center at New Mexico State University! We are looking for talented and enthusiastic individuals to join us!

Available Positions

- Undergraduate and graduate research assistants as well as post-doctoral researchers to assist in research projects
- Undergraduate and graduate students to help coordinate center activities

Requirements

- Majoring in Electrical Engineering, Computer Science, or Computer Engineering
- Excited and enthusiastic about smart grid technologies. Understanding of power systems is a plus!
- Applicants for undergraduate and graduate positions must be US citizens or permanent residents



Research Projects

Developing fundamental science and engineering

ENERGY: Develop a formulation for energy delivery, and evaluate, validate and demonstrate the concepts through simulation studies and implementation.

COMMUNICATION: Design a novel, scalable communication architecture that enables smart grid entities to effectively communicate with each other.

COORDINATION: Design coordination mechanisms that allow smart grid entities to coordinate their actions to ensure reliable and efficient energy delivery.

MONITORING: Develop techniques to detect and classify in real time disturbances occurring in transmission and distribution networks, so that system



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