The MSI-CIEC Mission

To build and enhance the social and technological mechanisms for meaningful engagement of MSIs in cyberinfrastructure (CI).

The project develops the CI "middleware" resources to encourage, broker, enable and manage meaningful CI initiatives involving MSI collaborations for the use, support, deployment, development, and design of CI to enable the advancement of e-science research and education. The project will promote the development of the nation's diverse STEM workforce, including the current and next generation of the STEM professoriate in an increasingly diverse society.

The project establishes a dynamic community of learning and practice, a CI-enabled distributed research and education network providing e-science education and research opportunities to MSI faculty and students. It will exploit the synergies between CI for science and engineering and the environments supporting electronic business and communities. Thus it will enable both MSIs as national research institutions and as regional economic development hubs.