Enabling Cross-Community Applications

US Ignite is looking for a few of its most innovative communities with advanced networks to participate in a proposal to the National Science Foundation. This proposal seeks to support the development and sharing of compelling US Ignite applications that can serve multiple cities. To execute these inter-community applications, we will need compatible connected application execution infrastructure in the participating communities. US Ignite is asking the National Science Foundation to extend its nationwide advanced networking infrastructure from the GENI program as needed to include participating US Ignite communities – and we need your help.

Participants will receive:

- Access to applications under development that can improve healthcare, education, job training, public safety, and transportation

- Access to or installation of a US Ignite rack, providing cutting-edge computational and storage resources to host and run the applications developed

- Connection to the national GENI network, a high-performance research network that will link all of the US Ignite communities together to share applications

- Funding to deploy and launch applications developed via this program

Participants agree to:

- Identify (or form) an organizing group in your community to serve as the focal point for US Ignite activity and achieve the goals of this proposal

- Work with companies, universities, and developers in your communities to come up with at least 2 new applications to share with the other US Ignite communities

- Commit to pay for and maintain the GENI network infrastructure and connection beyond the initial 3-year subsidized period

- Demonstrate the applications and technology developed at the upcoming US Ignite Application Summit events

Please see the attached document for more details about the proposal. If you wish to be considered for participation, we will need your help completing the attached Questionnaire about your community and how you hope to participate by **March 7, 2014**. If you have additional questions, please do not hesitate to contact us.

We want your help in developing the next generation of applications that will use your advanced networks to create new solutions in education, health care, energy, public safety, advanced manufacturing, and transportation. Come join us!