

Dr. Peterson

Welcome, FBI Regional Meeting

GTRI Conference Center, 14th street, 8 a.m. Wednesday, Nov. 9, 2011

- Welcome to Georgia Tech and GTRI. We are honored to host the regional meeting for the FBI. We have a great deal of respect for your agency and the individuals who do everything from research to putting themselves in harm's way to protect our country and its citizens.
- As president of a large research university, I am particularly grateful for the work you do. We have 21,000 undergraduate and graduate students, along with more than 6,000 faculty and staff. I am particularly interested in your first session, "The Targeting of America's Universities and Businesses."
- Georgia Tech does a large amount of research in the national security area. We work with the Department of Defense, but we also do a great deal of work in support of the intelligence community. We have an array of unique tools and technologies that we feel could be of value to your organization. While we can't share many of the details at this meeting, we would be glad to have you back at a classified meeting to share some of what we're working on.
- There are several examples, however, that we can talk about today. Global Justice XML is the foundation upon which the National Information Exchange Model has been built. Georgia Tech researchers are the technical innovators and thought leaders who developed the software for the Department of Justice initiative designed to facilitate sharing of criminal justice information among local, tribal, state, national and international agencies. It is a way to overcome the huge problem of incompatible databases and computer systems. Information is translated between different systems, allowing a more efficient flow of data among agencies that need to share information about potential criminal and terrorist activity. Examples of NIEM information exchanges include high risk

offender profiles, suspicious activity reports, national incident reports, warrants and arrests, among others.

- Building on the Global Justice XML Data Model, the U.S. Department of Homeland Security and the U.S. Department of Justice collaborated with federal agencies on the National Information Exchange Model. The Georgia Tech Research Institute provided technical support. The interagency effort provides a foundation for sharing information using extensible markup language, or XML. It can be facilitate national information sharing across all levels of government to support justice, public safety, judicial intelligence and homeland security.
- Here's another example. GTRI was named by the Department of Homeland Security Science and Technology Directorate to lead the implementation of a five-year, \$10 million Homeland Open Security Technology, or HOS T, program to investigate open source and open cyber security methods, models and technologies, and to identify viable and sustainable approaches that support national cyber security objectives.
- GTRI has created a Cyber Technology and Information Security Laboratory to apply GTRI's broad expertise and systems engineering experience in cyber-related research to a broad range of information security issues.
"Cyber Warriors" will develop cutting-edge capabilities to allow trusted data to be sent across trusted networks. The lab will be used to provide resilient command and control solutions to war fighters operating in contested environments, helping industry defend against cyber criminals and safeguarding the nation's critical infrastructure.
- Finally, Georgia Tech's information Security Center and GTRI produce an annual Emerging Cyber Threats Report that includes insight and analysis from a variety of experts in the IT security industry, government and academia. The report and a related summit provide an open forum for discussion of emerging threats, their

potential impact and countermeasures for containing them.

- Through innovation and collaboration, we can continue to develop solutions to help us continuously improve safety and security of information, and of our citizens.
- Thank you for joining us today.