

# HPC IN Cybersecurity



## 2015 Annual Technical Meeting

Venue: Schlumberger

10001 Richmond Ave, Houston, TX 77042

# FEATURED SPEAKERS



## **Addison Snell**

CEO, Intersect360 Research

Addison Snell is the CEO of Intersect360 Research and a veteran of the High Performance Computing industry. He launched the company in 2007 as Tabor Research, a division of Tabor Communications, and served as that company's VP/GM until he and his partner, Christopher Willard, Ph.D., acquired Tabor Research in 2009. During his tenure, Addison has established Intersect360 Research as a premier source of market information, analysis, and consulting. He was named one of 2010's "People to Watch" by HPCwire.

Addison was previously an HPC industry analyst for IDC, where he was well-known among industry stakeholders. Prior to IDC, he gained recognition as a marketing leader and spokesperson for SGI's supercomputing products and strategy. Addison holds a master's degree from the Kellogg School of Management at Northwestern University and a bachelor's degree from the University of Pennsylvania.



## **Angela Haun**

Special Agent / InfraGard Coordinator FBI Houston Division

Special Agent Angela Haun entered on duty with the Federal Bureau of Investigation in March 1998. Her first office assignment was the Chicago Division, where she investigated public corruption and, subsequently, international terrorism matters. Agent Haun was promoted to Supervisory Special Agent in the Office of Congressional Affairs at FBI Headquarters in November 2005. In March 2010, Agent Haun earned a promotion in the Cyber Division at FBI Headquarters as the Unit Chief of the Public/Private Alliance Unit. Agent Haun oversaw the FBI's national effort to engage private industry, academia and other government agencies on cyber matters. In February 2011, Agent Haun transferred to the Houston Division, where she investigated health care fraud crimes, until she was selected to be the Houston Division's InfraGard Coordinator in October 2012. Agent Haun has received numerous awards for her work at the FBI, including the FBI Director's Award for Outstanding Criminal Investigation and the U.S. Attorneys Director's Award.

## FEATURED SPEAKERS (cont.)



Dr. Shawana P. Johnson, GISP, President, Global Marketing Insights, Inc.

Dr. Johnson, GISP (Certified Geographic Information System Professional) is a globally recognized geospatial intelligence expert supporting the US government and the global geospatially focused security and intelligence industries with market research on technology platforms and capabilities which support airborne and spaceborne geospatial tools utilized specifically in Energy, Agriculture, Water Resources, Maritime Security and Land Asset and Resource Planning.

At Global Marketing Insights Inc., she serves as President to an international client base where her area of expertise includes providing Geospatial Business Intelligence Expertise™ in Cloud and Data Interoperability. She received her Doctorate in Management Degree from Case Western Reserve University, Weatherhead School of Management, Cleveland, OH.



James McFarland *Lawrence Distinguished Chair in Finance, Tulane University Executive Director, Tulane Energy Institute Board of Directors at Newpark Resources, Inc.* James W. McFarland is the Rolanette and Berdon Lawrence Distinguished Chair in Finance and the Freeman School Distinguished Chair in Business in the A.B. Freeman School of Business at Tulane University. He serves as the executive director of the Tulane Energy Institute. Dr. McFarland has served on boards and as a consultant to non-profit, private, and public organizations. His primary research and teaching areas are econometrics, energy and resource economics, international finance, strategy, and supply chain management.



Marcus Sachs, Senior Vice President and Chief Security Officer, North American Electric Reliability Corporation (NAERC).

Sachs is responsible for the oversight of the Electricity Information Sharing and Analysis Center (E-ISAC), and for directing security risk assessment and mitigation initiatives to protect critical electricity infrastructure across North America. He is a retired US Army officer, was a White House appointee in the George W. Bush administration, is the former director of the SANS Internet Storm Center, and previous to NERC was Verizon's Vice President for National Security Policy. He holds degrees in Civil Engineering, Science and Technology Commercialization, Computer Science, and is "All But Dissertation" on a Ph.D. in Public Policy

# Schedule

0730 **Sign-in & Breakfast**

0830 **Welcome Remarks**

**Safety Moment** by Magdy Ishak, Schlumberger Geo-Collaboration Manager

Welcome by Gary Crouse, SHPCP Executive Director

0845 **Keynote: HPC Update from SC15**

Addison Snell, CEO, Intersect 360

0930 **BREAK**

1000 **Panel One - Topic: How are HPC Resources used in Cybersecurity**

Moderator: Earl Dodd, SHPCP, President

Panelists

Dr. Shawana Johnson, GISP, President Global Marketing Insights, Inc.

James McFarland, Executive Director Tulane Energy Institute

Sean Fitzgerald, Sr. Vice President of Technology and Services X-ISS

1100 **Lunch**

1215 **Keynote: The Cyberthreats Landscape**

Angela Haun, Special Agent and FBI Houston InfraGard Coordinator

1300 **Break**

1330 Marcus H. Sachs, P.E, Sr. VP and CSO, NERC

1430 **Break**

1445 **Panel 3 - Topic: Vendors and Luminaries Crossfire**

Moderator: Addison Snell, CEO Intersect 360

1530 **Break**

1535 **Special Announcement**

Kevin Corbley, Marketing Director SHPCP

1545 **Close and Adjourn**

Earl J. Dodd, President SHPCP





# INFRAGARD HOUSTON



An Alliance for National Infrastructure Protection

## What is INFRAGARD?

INFRAGARD is a trusted partnership between the FBI, other government agencies, academia and the private sector to foster collaboration and information sharing that enhances our ability to address threats, in order to prevent and mitigate attacks on the Nation's critical infrastructure and key resources.

The Houston InfraGard Members Alliance has more than 1600 active members and ten Special Interest Groups (SIGs):

- Oil & Gas
- Technology
- Financial Services
- Retail
- Healthcare
- Public Safety
- Legal
- Maritime
- Power & Utilities
- Bryan/College Station

## Membership:

Membership is **FREE**

Requirements:

- 18 Years of Age or Older
- U.S. Citizen
- Pass Periodic Criminal Background Checks
- Adhere to Code of Ethics and Information Sharing Policies

Apply Online at

<https://www.infragard.org>

## INFRAGARD Resources & Benefits:

- Access to the IG Network Secure Web Portal
- Timely Intelligence Alerts and Analytic Products
- Training and Education
- Access to iGUARDIAN to Submit Cyber Incidents to the FBI
- Access to Malware Investigator to Submit Malware Samples
- Informative Programs and Networking Opportunities:
  - ★ Chapter & SIG Meetings
  - ★ Security Conferences
  - ★ Technology Workshops
  - ★ VIP Tours
  - ★ FBI Special Events
  - ★ Engagement with Other Professional Associations

## Contact:

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713-693-5000



Join INFRAGARD at <https://www.infragard.org>

# InfraGard

Partnership is our key resource



The Federal Bureau of Investigation's (FBI) priority programs share the common goal of protecting the nation's critical infrastructures and key resources against threats and attacks. In support of their mission, Bureau teams including Cyber, Counterterrorism, Counterintelligence, and others rely not only on seamless collaboration and dialogue within government, but also with private sector and academic partners. This exchange of expertise, strategy, and actionable intelligence with the FBI and among partners is pivotal to mitigating cyber threats and dismantling criminal activity and terrorism, and is at the core of InfraGard's mission.

## Thousands of members, one mission: securing infrastructure

The FBI's InfraGard Members Alliance is an information sharing and analysis effort combining the knowledge base, and serving the interests of, a wide range of private sector partners who own, operate, and hold key positions within some 85 percent of the nation's critical infrastructure. With thousands of members nationally, InfraGard's subject matter experts include business executives, entrepreneurs, military and government officials, computer professionals, academia, and state and local law enforcement; each dedicated to advancing national security.

While the FBI gains an improved understanding of the threatscape and a rich source of intelligence provided by the InfraGard organization, members are extended access to a host of information and assets that enable them to play a key role in securing infrastructure. In addition, members who utilize program benefits are better equipped to protect their investments by identifying, prioritizing, and mitigating vulnerabilities, developing incident response plans, and enacting the most current security best practices.

## InfraGard Member Benefits

Access to InfraGard's Secure Web Portal: [www.infragard.org](http://www.infragard.org)

- Comprehensive suite of sensitive but unclassified FBI, Department of Homeland Security (DHS), and other federal, state and local threat intelligence products and daily news feeds
- Access to iGuardian, the FBI's cyber incident reporting tool designed specifically for the private sector
- FBI accredited website with 24/7 help desk and secure messaging promotes communication among members

## Timely Intelligence Briefings and Analytic Products

- FBI and DHS threat advisories, intelligence bulletins, analytical reports, and vulnerability assessments in real time
- FBI and other government agency presentations to InfraGard chapters at member events

## Unique Networking Opportunities

- Special Interest Groups (SIGs)
- Peer-to-peer collaboration across InfraGard's broad membership
- Information sharing and relationship building with FBI and law enforcement at all levels

## Training and Education

- Free or discounted local seminars and conferences
- Security awareness training programs from FBI, DHS, and others
- Training discounts from SANS Institute, The Center for Information Security Awareness, and others

## Membership Requirements

- U.S. citizen, 18 years or older
- Consent to an FBI security risk assessment and periodic re-certifications
- Notify the FBI of any pending criminal matters
- Sign and adhere to a Confidentiality and Non-disclosure Agreement
- Agree to adhere to InfraGard Code of Ethics