

BIG DATA 2017 CONFERENCE **BIG CHALLENGES**

TUESDAY, OCTOBER 24 / 8:30AM - 5:00PM

UNIVERSITY OF TEXAS AT SAN ANTONIO HUC BALLROOM

AGENDA

- 7:45AM - 3:30PM** **CHECK-IN / REGISTRATION**
- 8:30AM - 8:45AM** **OPENING REMARKS**
Dr. Wm. Gerard (Gerry) Sanders, Dean, College of Business
- 8:45AM - 9:45AM** **SAFE & SMART CITIES OF TOMORROW** | Sponsor - Cisco
Cisco - **TJ Costello, American Smart Cities and IoT Director**
Data in Decision-making in Cities
City of San Antonio - **Jose De La Cruz, City of San Antonio Innovation Officer**
Building a Smarter SA
UTSA - **Dr. Paul Rad, Associate Professor, Information Systems & Cyber Security**
- 9:45AM - 10:00AM** **BREAK**
- 10:00AM - 11:00AM** **NATIONAL SECURITY THROUGH ADVANCED ANALYTICS**
U.S. Army Research Laboratory South - **Dr. Raymond Bateman, ARL Cyber South Lead** and
Kristin Schweitzer, Engineer, Cyber Security Research
U.S. Army Research Laboratory CSSP - **Dina Guerrero, ARL Liaison Officer to 24AF**
ACAL: An Operations and Research Ecosystem
BluVector - **Travis Rosiek, Chief Technology & Strategy Officer**
Utilizing Big Data for Better Cyber Threat Detection
National Security Agency - **Dr. Darniet Jennings, Senior Strategist and Operational Data Scientist**
Data Analytics Considerations for National Security Operations
- 11:00AM - 11:15AM** **BREAK**
- 11:15AM - 12:00PM** Introduction - **Dr. Harry Millwater, Professor and Associate Dean of Research**

KEYNOTE SPEAKER
PHIL HARVEY, DIRECTOR OF CYBER SECURITY INNOVATION, RAYTHEON CORPORATION
Big Data, Big (Security - Privacy) Challenges
- 12:00PM - 1:00PM** **LUNCH AND NETWORKING**

1:00PM - 2:00PM

LEVERAGING BIG DATA FOR INDUSTRY ADVANTAGE

H-E-B - **Dr. Brandon Loudermilk, Lead Data Scientist**
Challenges in Text Analytics for Business Intelligence

QuickPath - **Alex Fly, Co-Founder**
Scaling Data Science for Enterprise Decisioning

UTSA - **Dr. Richard Gretz, Associate Professor, Marketing**
The Impact of New Product Introductions on the Existing Product Portfolio in High-Tech Markets

2:00PM - 2:15PM

BREAK

2:15PM - 3:15PM

BIG DATA AND CRITICAL INFRASTRUCTURE

CPS Energy - **Todd Horsman, Director of Strategy & Product Development**

Idaho National Laboratory - **Ryan Hruska, Research Scientist**
Machine Learning for Critical Infrastructure Dependency Analysis

Pacific Northwest National Laboratory - **Jamie Hughes, Program Manager**
Multidisciplinary Considerations for Addressing Critical Infrastructure Security Challenges

3:15PM - 3:30PM

BREAK

3:30PM - 4:30PM

VISUALIZING HEALTH AND BIOINFORMATICS | Sponsor - **San Antonio Life Sciences Institute (SALSI)**

UT Health, University Health System - **Dr. Brad Brimhall, Pathology**
Healthcare analytics & process improvement (HAPI): Successful projects

USAF Defense Health Agency - **Dr. David Carnahan, Data Scientist**
Big Data Challenges

UTSA - **Dr. Mark Eppinger, Assistant Professor, Biology**
Pathogenome and Virulence Traits of Clinical Shiga-toxin producing Escherichia coli (STEC)

4:30PM - 4:40PM

CLOSING REMARKS

Dr. George Perry, Dean, College of Sciences