Americas Conference on Information Systems
August 7-10, 2014, Savannah, Georgia, USA (http://amcis2014.aisnet.org)
Business Intelligence, Analytics, & Knowledge Management Track
http://amcis2014.aisnet.org/index.php/track-list/77-amcis-2014/88

Mini-Track on BI and Analytics in Intelligence and Security Informatics

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Submission due: March 1, 2014 (Midnight, Eastern Standard Time)
Submission website: http://mc.manuscriptcentral.com/amcis2014
Paper formatting: http://amcis2014.aisnet.org/index.php/call-for-papers

Intelligence and Security Informatics (ISI) is a cross-disciplinary field defined as the development of advanced information technologies, systems, algorithms, and databases for international, national and homeland security related applications, through an integrated technological, organizational, and policy-based approach. Recent developments of big data and business analytics in business and public organizations have aroused attention to the various issues on ISI. For example, the rapid rise of social media has impacted the Middle-Eastern regions' political stability, supported social movements in the U.S. immigration reform and border security, and triggered stock market fluctuation in a recent hoax about White House explosions. New techniques and applications of ISI are desperately needed to overcome challenges in growing volumes and varieties of social media and organizational data. Meanwhile, industries and governments demand high-caliber human talents to support their ISI initiatives. New pedagogies, teaching materials, and curriculums at the university level are needed. In this mini-track, we solicit high-quality, original research papers that address a variety of ISI issues, such as:

- New predictive analytics and knowledge management approaches for ISI
- Big data solutions and applications for security surveillance
- Social media intelligence and analytics for ISI
- Privacy protection methods and applications
- Infrastructure protection and security surveillance using data and text mining
- Audit analytics and detection of financial and accounting fraud
- Social and criminal network analysis, visualization, and simulation
- Information sharing and intelligence-related knowledge discovery
- Terrorism informatics, analytical methodologies and software tools
- Enterprise risk management and information systems security
- Disaster and crisis management
- ISI education and workforce developments
- Innovative pedagogical approaches and curriculums in ISI

Selected best papers will be fast-tracked for publication in a special issue of *Journal of Information Privacy and Security* (http://jips.utep.edu/), a refereed academic journal indexed by Cabell's Directory.