

Security and Intelligence Research Initiative

WEST VIRGINIA UNIVERSITY

Over the past eight years, WVU has been building capabilities to achieve a premier national research status in the areas related to national security and intelligence analysis. Today, lead by its national leadership in biometrics research, WVU plays a growing role in the research areas critical for homeland security and national defense. But, like the threats to the US, demands for more effective security analysis and enhancement tools increase every day. The work of only six faculty members and their students has elevated WVU's reputation in biometric research to a nationally-recognized status.

The vision: WVU strives to be one of America's key sources for technological innovation that, when transitioned to public and private sectors, can help minimize threats to society and provide greater safety and security under which citizens can thrive and live freely. The Security and Intelligence Research Initiative will enable WVU to:

- Expand and refine its state-of-the-art research infrastructure, while continuing to attract the best and brightest undergraduate and graduate students and faculty.
- Solidify its growing network of research partners leading to effective dissemination and implementation of research results.
- Provide stimulating educational and research experiences to undergraduate and graduate students that endow them with skills for careers as leaders in the biometric field.
- Elevate its capability to compete for new research funding through productive partnerships with industry, government agencies/laboratories, and other research universities.
- Create and disseminate critical data and recommendations on pressing policy issues for use by state and national policy-makers.
- Capture knowledge-based economic development opportunities that improve people's lives and the region's economy.

A Solid Reputation as a Premier Research Center with a Network of Partners

- WVU founded and remains the lead research institution of the National Science Foundation's Center for Identification Technology Research (CITeR). The center is an internationally recognized source of discovery and innovation which draws faculty expertise from more than a dozen US universities and serves federal agencies including the Departments of Homeland Security, Defense, and Justice, and some of the largest US companies, including Lockheed Martin, Northrop Grumman, Computer Science Corporation, and others. CITeR's mission is to advance identification technology and is strongly focused in the areas of biometric systems and credibility assessment. CITeR's portfolio of activities achieves this mission through cross-cutting research of emerging enabling technologies, interdisciplinary training of scientists and engineers, and facilitation of technology transfer to the private and government sectors through its affiliates.





- WVU's efforts in biometrics play a key role with the Federal Bureau of Investigation. In 2008, a Center of Excellence agreement was signed with the FBI that identified WVU as its academic portal for research in biometrics. WVU's role is to provide biometrics research support to the FBI and its law enforcement and national security partners and serve as the FBI liaison to the academic community of biometric researchers nationwide.
- WVU helps keep America safe by educating the next generation of engineers and scientists within a National Center of Excellence in Information Assurance, the designation bestowed by the National Security Agency and Department of Homeland Security.

Discovering New technologies for a Secure Nation

Industry and federal agencies expect WVU to draw on the best intellectual capital in order to not only conduct research, but to also be an effective partner in the transition of that research into systems that serve the national interest. WVU's primary need is for additional expert personnel who can meet the increasing requirements of America's defenders.

WVU is working to expand its capacity for research by recruiting and retaining students and key academic professionals who will keep the University competitive for an increasing number of projects. Through these projects, WVU will create innovations and technologies for America's security and intelligence needs, jobs, and an improved economy for West Virginia.

For more information or to arrange a visit to WVU, contact:

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