



United States
Department of Justice

National Institute of Justice



Briefing to Global Advisory Committee
April 11, 2012

Information-Sharing Activities at the National Institute of Justice

NIJ's information-sharing activities focus on helping practitioners — especially practitioners at the scene — to make timely and informed decisions. NIJ-funded research builds on the Global Reference Architecture and the National Information Exchange Model (NIEM). Some of our current activities include the following:

Offender Tracking Systems — Information Exchange Package Documentation (IEPD) Project

In FY 2012, NIJ plans to begin development of NIEM-compliant information exchange packet documentation (IEPD) for offender tracking data sets. Today, the lack of common exchanges for this type of data affects interoperability, analysis, and reuse of the information and hinders an agency's ability to replace or interchange offender tracking systems as needed.

When completed and validated, the requirement to use this IEPD will be incorporated into the NIJ performance standard for offender tracking systems that is under development.

This work will be led by the National Law Enforcement and Corrections Technology Center (NLECTC) System's Corrections Technology Center of Excellence (COE) in collaboration with state, local, federal and tribal corrections agencies, the NLECTC Information and Geospatial Technologies COE, and the National Law Enforcement Telecommunication System (NLETS).

Global Positioning Systems Monitoring Project

With NIJ funding, the University of Oklahoma is developing an analysis and visualization toolkit for location-based offender monitoring and supervision that is based on Global Information System (GIS). This toolkit will enable the timely identification of patterns of problematic behavior by an offender under community supervision and the implementation of Global Positioning Satellite (GPS)-based intervention strategies.

This work is being undertaken with the Oklahoma Department of Corrections (ODOC) Division of Community Corrections. The Division of Community Corrections administers the ODOC's GPS program, which seeks to provide structured release and successful reentry into the community for offenders incarcerated for nonviolent offenses.

Evaluation of the current ODOC GPS program will determine the data and end-user functional needs for the development of the GIS toolkit.

In addition to the above projects, NIJ has the following two relevant open solicitations:

Testing Geospatial Police Strategies and Exploring Their Relationship to Criminological Theories

NIJ is seeking applications for research related to links between criminological theories and geospatial police strategies. In particular, NIJ is seeking proposals that test current geospatial police strategies implemented at the micro-place and micro-time levels. Additionally, applicants should propose to explore how criminological theories may explain the utility of these strategies, what mechanisms are in place that allow these strategies to be effective and efficient, and how such strategies can be improved. Closes May 7, 2012.

Research on the Impact of Technology on Policing Strategies in the 21st Century

NIJ seeks proposals to conduct research to evaluate how technology affects policing strategies at the state, local, and tribal levels and the impact that technology has on policing outcomes. In other words, policing organizations may implement new technologies within their departments for the purpose of promoting public safety, enforcing the law and/or preventing and detecting crime. If successful, the new technology may lead to changes in policing strategies designed to enhance positive policing outcomes (e.g., improving police response times, or reducing targeted crimes). Too often, however, jurisdictions do not have the resources to evaluate the impact of the technology on policing strategies or the impact these strategies have on policing outcomes; thus, they have little evidence that the technology produced its desired effect. This research aims to fill these gaps in policing research. Closes April 30, 2012.

More information about these or other current open NIJ solicitations, is available online at: www.nij.gov/nij/funding/current.htm.

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