



# The *NIJ* CONFERENCE 2010

EXPLORE INNOVATION  
TRANSCEND BOUNDARIES  
EMBRACE SCIENCE

**U.S. Department of Justice  
Office of Justice Programs**

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## CONFERENCE PROGRAM

June 14-16, 2010 ■ Arlington, Va.

**Save the date for 2011!**

***Next year, the NIJ Conference will take place June 20-22, 2011.***

# VIOLENCE AGAINST WOMEN ACT

## Celebrating 15 Years and Moving Forward Together



Monday at 2:00 p.m. ■ Salons F-H

### Domestic Violence Research 15 Years After VAWA

Tuesday at 1:15 p.m. ■ Salon A

### Sexual Violence Research 15 Years After VAWA

Wednesday at 12:00 p.m. ■ Salons III-VI

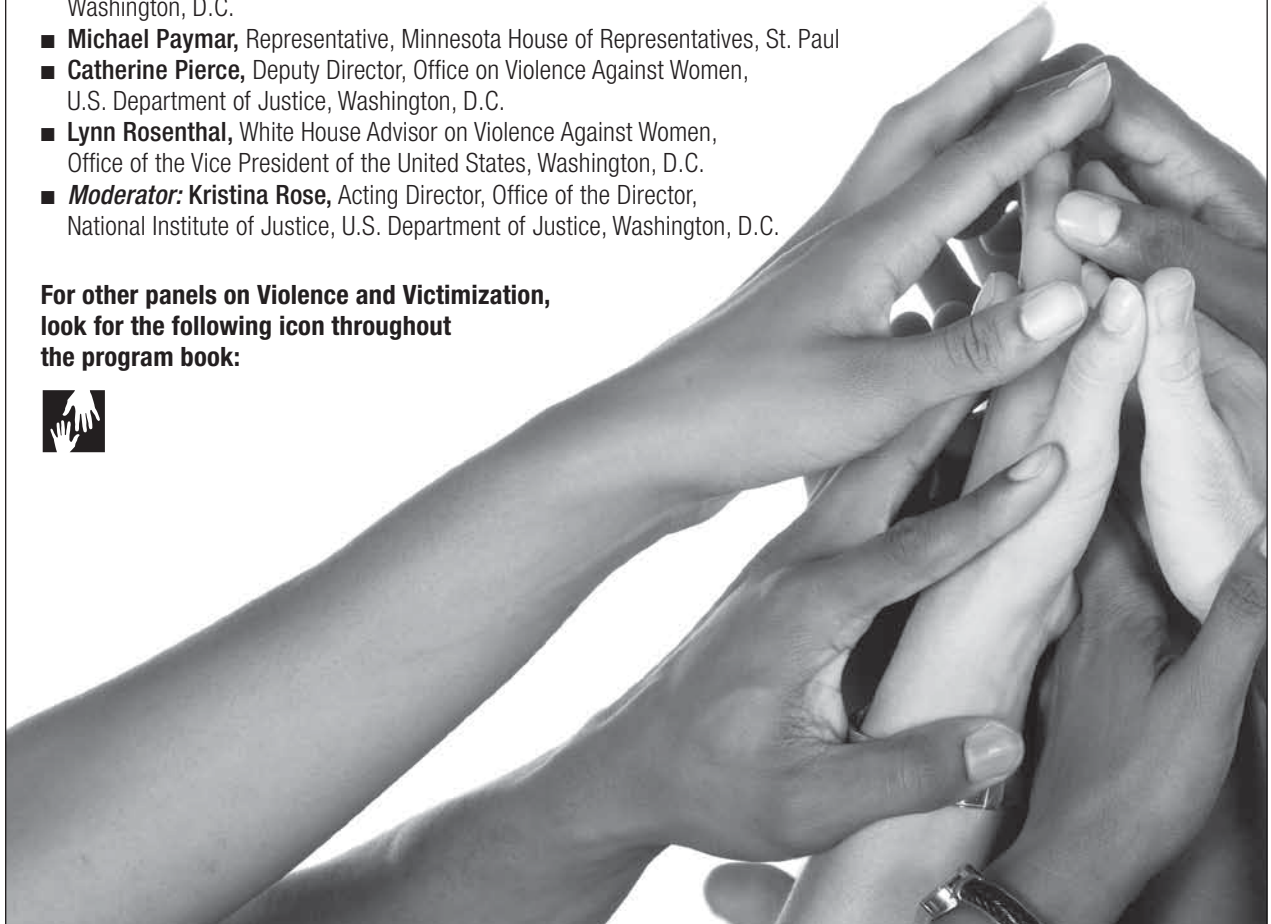
### Luncheon, Keynote Address and Plenary Panel

**Keynote Speaker:** **Paula Zahn**, Executive Producer and Host of *On the Case with Paula Zahn*, Investigation Discovery, Discovery Communications, Silver Spring, Md.

#### Plenary Panel

- **Karen D. Carroll**, Associate Director, Bronx Sexual Assault Response Team, New York
- **Bernard K. Melekian**, Director, Office of Community Oriented Policing Services, U.S. Department of Justice, Washington, D.C.
- **Michael Paymar**, Representative, Minnesota House of Representatives, St. Paul
- **Catherine Pierce**, Deputy Director, Office on Violence Against Women, U.S. Department of Justice, Washington, D.C.
- **Lynn Rosenthal**, White House Advisor on Violence Against Women, Office of the Vice President of the United States, Washington, D.C.
- **Moderator: Kristina Rose**, Acting Director, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.

For other panels on **Violence and Victimization**, look for the following icon throughout the program book:



# The *NIJ* CONFERENCE 2010



8:30 a.m.	Welcome and Opening Remarks	Salons III-VI
8:45 a.m.	Plenary Panel: Rising From the Ashes — What We Have Learned From the Cameron Todd Willingham Case	Salons III-VI
10:30 a.m.	<b>Concurrent Panels and Workshops</b> <ul style="list-style-type: none"> <li>■ Data at Your Fingertips: An Introduction to the National Archive of Criminal Justice Data</li> <li>■ Emerging Issues on Stalking</li> <li>■ An Examination of Justice Reinvestment and Its Impact on Two States</li> <li>■ Forensic DNA Research and Development: New Methods for Deconvoluting Mixtures</li> <li>■ Forensic Science and Interagency Working Groups: Creating Goals for the Future</li> <li>■ The Latest Geospatial Technologies to Prevent and Respond to Crime</li> <li>■ Pathways to Desistance: Preventing Crime and Rehabilitating Juvenile Offenders</li> <li>■ Policing Platform: Preliminary Results</li> <li>■ What Is Research and Evaluation Evidence and How Can We Use It?</li> </ul>	Salon II Salon J Salons F-H Salons C-E Salon K Salon B Alexandria Salon I Salon A
12:30 p.m.	<b>Luncheon and Keynote Address</b> <b>Laurence Tribe</b>	Salons I-VI
2:00 p.m.	<b>Concurrent Panels</b> <ul style="list-style-type: none"> <li>■ Evidence Backlogs and Their Impact on the Criminal Justice System</li> <li>■ Domestic Violence Research 15 Years After VAWA</li> <li>■ An Examination of the Impacts of Administrative Segregation on Mental Health</li> <li>■ Gang Membership Prevention</li> <li>■ Law Enforcement's Response to Human Trafficking: Assessing Strengths and Gaps</li> <li>■ The Relationship Between Foreclosures and Crime</li> <li>■ Scene Processing Protocols: Explosives, Fire and Mass Fatalities</li> <li>■ Using License Plate Readers to Fight Crime</li> </ul>	Salons C-E Salons F-H Salon I Salon B Salon J Salon K Salon II Salon A
3:45 p.m.	<b>Concurrent Panels, Forensic Science Demonstrations/Poster Session and Workshops</b> <ul style="list-style-type: none"> <li>■ Are Conducted Energy Devices Safe and Effective?</li> <li>■ Court Case Management for Prosecution, Defense and Family Justice Services</li> <li>■ Developing the Offender Tracking Standard</li> <li>■ Forensic Science Demonstrations/Poster Session</li> <li>■ Get Funded: Developing a Better Proposal</li> <li>■ Impression Evidence: Strengthening the Disciplines of Fingerprints, Firearms, Footwear, and Other Pattern and Impression Sciences Through Research</li> <li>■ Improving Criminal Justice Outcomes by Focusing on Victims</li> <li>■ International Organized Crime: Recent Developments in Policy and Research</li> <li>■ Public Use Operations of Unmanned Aircraft Systems: From University Research to SWAT Team</li> </ul>	Salons C-E Salon J Salon K Sky View Salon A Salons F-H Salon I Salon II Salon B
5:15 p.m.	Adjourn	

## Panel Tracks

Building Safer  
Communities 

Corrections 

Courts and  
Sentencing 

Forensic Science  
(Policy) 

Forensic Science  
(Technical) 

Geography  
and Crime 

Policing 

Violence and  
Victimization 

Workshop 

**8:30 a.m. Welcome and Opening Remarks** Salons III-VI

- **Kristina Rose**, Acting Director, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Laurie O. Robinson**, Assistant Attorney General, Office of Justice Programs, U.S. Department of Justice, Washington, D.C.

**8:45 a.m. Plenary Panel: Rising From the Ashes — What We Have Learned From the Cameron Todd Willingham Case** Salons III-VI

Cameron Todd Willingham was executed in 2004 for setting his home on fire, resulting in the deaths of his three young children. The case gained renewed attention in 2009 as a result of investigative reporter David Grann's article in *The New Yorker*, which described contradictions and controversies surrounding the case. The panel will discuss not only the facts of the case but also the lessons learned from it.

- **Itiel Dror**, Cognitive Neuroscientist, University College London
- **David Grann**, Staff Writer, *The New Yorker*, New York
- **John Lentini**, President and Principal Investigator, Scientific Fire Analysis LLC, Big Pine Key, Fla.
- **Michael Logan Ware**, Chief, Special Fields Bureau, Dallas County District Attorney's Office
- **Moderator: Mary Lou Leary**, Principal Deputy Assistant Attorney General, Office of Justice Programs, U.S. Department of Justice, Washington, D.C.

**10:15 a.m. Break****10:30 a.m. Concurrent Panels and Workshops****Data at Your Fingertips: An Introduction to the National Archive of Criminal Justice Data** Salon II

NIJ established the Data Resources Program (DRP) at the National Archive of Criminal Justice Data to preserve and ensure the availability of data from NIJ-funded research and evaluations. Data sets are archived and made accessible to others to support new research that verifies original findings or tests new hypotheses. This workshop will depict the policies, products and operations of DRP's main priorities, which are grant funding, data archiving, establishing policies and improving data quality. The workshop will also provide attendees with a comprehensive set of guidelines on what to consider when using and archiving research data.

- **Tim Bynum**, Director, National Archive of Criminal Justice Data, Inter-university Consortium on Political and Social Research, University of Michigan, Ann Arbor; and Professor, School of Criminal Justice, Michigan State University, East Lansing
- **Ronald E. Wilson**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Emerging Issues on Stalking

Salon J

This panel will examine the state of stalking research and policies over the past 20 years and highlight new trends in stalking technology and investigation. Panelists will discuss model legislation and investigative practices and provide a framework for future stalking research.

- **D. Miles Brissette**, Assistant District Attorney, Tarrant County Criminal District Attorney's Office, Fort Worth, Texas
- **Cindy Southworth**, Vice President of Development and Innovation, National Network to End Domestic Violence, Washington, D.C.
- **Patricia Tjaden**, Director, Center for Policy Research, Denver
- **Moderator: Kristina Rose**, Acting Director, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### An Examination of Justice Reinvestment and Its Impact on Two States

Salons F-H

Funded in part by the Bureau of Justice Assistance and the Pew Center on the States, the justice reinvestment project is a data-driven strategy aimed at policymakers to "reduce spending on corrections, increase public safety and improve conditions in the neighborhoods to which most people released from prison return." Representatives from two states where the justice reinvestment strategy is currently being implemented will discuss how it is being used to reduce the rate of incarceration and how states can reinvest in local communities.

- **Marshall Clement**, Project Director, Justice Center, The Council of State Governments, New York
- **Jake Horowitz**, Project Manager, Public Safety Performance Project, Pew Center on the States, Washington, D.C.
- **John Lazet**, Chief of Staff, The Office of Senator Alan Cropsy, Lansing, Mich.
- **Anne Rice**, Associate Attorney General, New Hampshire Office of Attorney General, Concord
- **Moderator: Marie Garcia**, Social Science Analyst, Justice Systems Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Forensic DNA Research and Development: New Methods for Deconvoluting Mixtures

Salons C-E

The FBI's Scientific Working Group on DNA Analysis Methods has recently published the updated *Interpretation Guidelines for Autosomal STR Typing by Forensic DNA Testing Laboratories*. A major component of this document focuses on providing improved instructions for mixture interpretation of autosomal short tandem repeat DNA analysis. Although mixture deconvolution is traditionally performed at the data analysis and interpretation stage, new technologies are emerging that offer potential front-end solutions to the problems presented when biological evidence from multiple individuals is found at a crime scene. This panel will present the updated guidelines for mixture interpretation, as well as ongoing research for mixture deconvolution methods prior to DNA analysis.

- **John M. Butler**, Fellow and Group Leader of Applied Genetics, National Institute of Standards and Technology, U.S. Department of Commerce, Gaithersburg, Md.
- **Tania Chakrabarty**, Senior Scientist, Arryx Inc., Chicago
- **Phillip B. Danielson**, Professor of Molecular Biology, Department of Biological Sciences, University of Denver
- **Henry K. Lin**, Eugene P. Wigner Fellow, Biosciences Division, Oak Ridge National Laboratory, U.S. Department of Energy, Tenn.
- **Moderator: Minh Nguyen**, Program Manager, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.





## Forensic Science and Interagency Working Groups: Creating Goals for the Future

Salon K

The Office of Science and Technology Policy within the Executive Office of the President has established, through its National Science and Technology Council (NSTC), a Subcommittee on Forensic Science (SOFS). A primary objective of NSTC is to establish clear national goals for federal science and technology investments in a broad array of areas, spanning virtually all mission areas of the executive branch. NIJ will provide an update on the goals and accomplishments of SOFS.

- **Kenneth E. Melson**, Deputy Director, Bureau of Alcohol, Tobacco, Firearms and Explosives, U.S. Department of Justice, Washington, D.C.
- **Mark Stolorow**, Director, Office of Law Enforcement Standards, National Institute of Standards and Technology, U.S. Department of Commerce, Gaithersburg, Md.
- **Moderator: Gerry LaPorte**, Forensic Policy Program Manager, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## The Latest Geospatial Technologies to Prevent and Respond to Crime

Salon B

Panelists will explore ongoing NIJ research on the development and application of geospatial and geographic profiling technologies. The discussion will include projects that are advancing cutting-edge geospatial visualization and analysis tools; incorporating state-of-the-art geospatial programs into easy-to-use, high-performance, open source software tools; developing new tools for three-dimensional geo-coding technology to use in large urban structures; forming new, scalable methods to rapidly process building geometry data, designed to work in a desktop environment as well as mobile (hand-held) devices; and creating a mathematical prototype that uses geographic and demographic features in the profiling algorithm.

- **Julia Koschinsky**, Research Director, GeoDa Center for Geospatial Analysis and Computation, Arizona State University, Tempe
- **Mike O'Leary**, Director of the Center for Applied Information Technology and Professor, Departments of Mathematics and Computer and Information Sciences, Towson University, Md.
- **Kalpathi Subramanian**, Associate Professor, Department of Computer Science, University of North Carolina, Charlotte
- **Moderator: Timothy Brown**, Senior Consultant, Booz Allen Hamilton, and Research Associate, Mapping and Analysis for Public Safety, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Pathways to Desistance: Preventing Crime and Rehabilitating Juvenile Offenders

Alexandria

This panel will highlight findings from the seven-year longitudinal study of serious and persistent juvenile offenders from Philadelphia and Phoenix. Panelists will present the most rigorous research to date that compares youth who are waived or transferred to adult court with their peers who remain in the juvenile system, as well as explore the relationships between certain mental disorders and a range of outcomes (e.g., employment, education, living arrangements and recidivism) for these youth. Panelists will also examine the different effects of institutional placement on offending for individuals with and without certain mental disorders. A youth advocate will discuss how and under what conditions research findings, such as those from the Pathways to Desistance study, can be used to encourage legislative change.

- **Edward P. Mulvey**, Professor of Psychiatry and Director of the Law and Psychiatry Program, University of Pittsburgh School of Medicine
- **Beth Rosenberg**, Director of Child Welfare and Juvenile Justice, Children's Action Alliance, Phoenix
- **Carol A. Schubert**, Research Program Administrator, Law and Psychiatry Program, Western Psychiatric Institute and Clinic, University of Pittsburgh School of Medicine
- **Moderator: Janet Chiancone**, Research Coordinator, Office of Juvenile Justice and Delinquency Prevention, U.S. Department of Justice, Washington, D.C.



## Policing Platform: Preliminary Results

Salon I

Researchers will explain the policing platform and why it's important and relevant for law enforcement executives and organizations. The panelists will discuss the goal of the platform, which is to obtain information about policing by tracking the life-course of police officers and organizations, as well as the impact of training innovations on policing. The panel will also demonstrate the application of the platform for all types of police organizations: urban, rural, large, mid-size, small, state, local, tribal, etc.

- **Gary Cordner**, Professor, Department of Criminal Justice, Kutztown University of Pennsylvania
- **Dennis P. Rosenbaum**, Professor of Criminal Justice and Psychology, Department of Criminal Justice, University of Illinois, Chicago
- **Rick C. Tanksley**, Chief, Oak Park Police Department, Ill.
- **Moderator: Brett Chapman**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## What Is Research and Evaluation Evidence and How Can We Use It?

Salon A

This panel will explore the development and use of evidence-based policies, programs and technologies to improve effectiveness and efficiencies related to government. Through casual observation, practices and programs may appear to be effective, but under closer scrutiny the results may look much different. We can improve our confidence in observed results and the information we share by carefully collecting evidence and using it in decision-making, thereby improving the effectiveness and efficiency of activities across the full range of criminal and juvenile justice challenges. Panelists will provide examples from government, law enforcement and research on how evidence can be applied to make more efficient use of government funding.

- **Michael J. Farrell**, Commissioner of Strategic Initiatives, City of New York Police Department
- **Ed McGarrell**, Director and Professor, School of Criminal Justice, Michigan State University, East Lansing
- **Stephanie Shipman**, Assistant Director, Center for Evaluation Methods and Issues, Applied Research and Methods, U.S. Government Accountability Office, Washington, D.C.
- **Moderator: Phelan Wyrick**, Senior Social Science Analyst, Office of Justice Programs, U.S. Department of Justice, Washington, D.C.

12:30 p.m.

## Luncheon and Keynote Address: Indigent Defense and Access to Justice

Salons I-VI

Attorney General Eric Holder has said the indigent defense system in the United States is in "crisis." To address the issue and help repair a damaged justice system, the President and the Attorney General established the Access to Justice Initiative and appointed renowned Harvard Law Professor Laurence Tribe to head it. Professor Tribe will explain the problems facing the nation's criminal and civil justice systems and describe his Initiative's role in resolving them, which includes encouraging the development of more thoroughly evidence-based solutions.

- **Laurence Tribe**, Senior Counselor, Access to Justice, U.S. Department of Justice, Washington, D.C.

2:00 p.m.

## Concurrent Panels



### Evidence Backlogs and Their Impact on the Criminal Justice System

Salons C-E

Evidence backlogs have been known to be an issue in crime laboratories. A recent study published by NIJ has shown that backlogs of untested evidence are also an issue in law enforcement evidence storage. This panel will discuss the issues and present preliminary findings from a study of the Los Angeles Police Department's and Los Angeles County Sheriff's Department's experience with clearing out a large backlog of unanalyzed rape kits. Researchers are following the outcomes of the DNA analyses and examining case characteristics to get a better understanding of why these cases did not go forward in the first place. Panelists will also discuss backlog reduction programs, legal and policy challenges to backlog reductions, and potential future solutions, including capacity building, technology and information systems.

- **Dean M. Gialamas**, Director, Scientific Services Bureau, Los Angeles County Sheriff's Department
- **Jeffrey Nye**, DNA Technical Leader, Forensic Science Division, Michigan State Police, East Lansing

- **Joseph L. Peterson**, Professor and Director, School of Criminal Justice and Criminalistics, California State University, Los Angeles
- **Moderator: Gerry LaPorte**, Forensic Policy Program Manager, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Domestic Violence Research 15 Years After VAWA

Salons F-H

Since the passage of the Violence Against Women Act, a majority of the more than 250 research and evaluation studies funded by NIJ examined domestic violence issues. This research has been collected in the *Compendium of Research on Violence Against Women, 1993-2009*, which includes an abstract of each grant and the results of completed studies. The compendium is available at <http://www.ojp.usdoj.gov/nij/pubs-sum/vaw-compendium.htm>. The panelists will present an overview of the progress and the findings of domestic violence research from the past 15 years, as well as discuss a key ongoing debate concerning the amount of male versus female perpetration of domestic or intimate partner violence. The discussant will comment on these presentations and provide an advocate's view on the progress made since the act passed.

- **Connie Beck**, Associate Professor, Psychology, Policy and Law Program, Department of Psychology, University of Arizona, Tucson
- **Barbara J. Hart**, Director of Law and Policy, Muskie School of Public Service, University of Southern Maine, Portland
- **Claire M. Renzetti**, Professor of Sociology, University of Dayton, Ohio
- **Moderator: Bernard Auchter**, Acting Division Director, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### An Examination of the Impacts of Administrative Segregation on Mental Health

Salon I

The panel will highlight final results from a longitudinal research study that examined the impacts of administrative segregation on the mental health of inmates in the Colorado Department of Corrections. This is the first study of its kind to follow inmates immediately after confinement to administrative segregation for one year. Panelists will provide an overview of the research and discuss whether claims that administrative segregation leads to harm and violates prisoners' rights are correct. Panelists will also explain the final results from the study and their implications for corrections administrations.

- **Jamie Fellner**, Senior Counsel, U.S. Program, Human Rights Watch, New York
- **Susan Jones**, Warden, Colorado State Penitentiary and Centennial Correctional Facility, Cañon City
- **Kelli Klebe**, Associate Professor and Chair, Psychology Department, University of Colorado, Colorado Springs
- **Alysha M. Stucker**, Professional Research Assistant, University of Colorado, Colorado Springs
- **Moderator: Marie Garcia**, Social Science Analyst, Justice Systems Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Gang Membership Prevention

Salon B

The Centers for Disease Control and Prevention and NIJ are collaborating on a book that focuses on promising principles for gang membership prevention. This panel will discuss the risk and protective factors that influence gang membership as well as efforts to reduce such factors. Panelists will also explore the direction of gang research for the future.

- **James Buddy Howell**, Senior Research Associate, National Youth Gang Center in Tallahassee, Fla.; and Special Advisor, Life History Research Program, University of Pittsburgh
- **Jorja Leap**, Adjunct Associate Professor of Social Welfare, School of Public Affairs, University of California, Los Angeles
- **Gretchen C.F. Shappert**, Project Safe Neighborhoods National Coordinator and Anti-Gang Coordinator, Executive Office for United States Attorneys, U.S. Department of Justice, Washington, D.C.
- **Moderator: Louis Tuthill**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Law Enforcement's Response to Human Trafficking: Assessing Strengths and Gaps

Salon J

Local law enforcement agencies are often in the best position to identify human trafficking victims. However, recent research and expert working groups have highlighted the challenges of uncovering, investigating and prosecuting human trafficking cases. Panelists will discuss the research and how it can be used to expose, catch and prosecute offenders, as well as prevent the crime.

- **Amy Farrell**, Assistant Professor, College of Criminal Justice and Associate Director, Institute on Race and Justice, Northeastern University, Boston
- **Edward Gallagher**, Deputy Criminal Chief, Criminal Division, Southern District of Texas, U.S. Attorney's Office, Houston
- **Michael Shively**, Senior Associate, Abt Associates Inc., Cambridge, Mass.
- **Moderator: Karen JoAnne Bachar**, Social Science Analyst, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### The Relationship Between Foreclosures and Crime

Salon K

The current trend of foreclosures in the U.S. is unprecedented. A prominent aspect of this trend has been increases in crime related to those foreclosures, including arson, squatting, theft and vandalism. In response to the growing concern, NIJ convened a panel of experts in March 2009 to examine this issue. To better understand the magnitude of this phenomenon, through this panel, NIJ established a research agenda that has identified several crime-related issues under three main sequential stages: 1) mortgage fraud; 2) domestic violence; and 3) neighborhood deterioration and the onset of long-term crime problems. This panel will provide an overview of the research agenda developed from that meeting with a discussion of each of the three main areas of concern.

- **Brandon Behlendorf**, Fellow, University of Maryland, College Park; and Associate, National Consortium for the Study of Terrorism and Responses to Terrorism, U.S. Department of Homeland Security, College Park, Md.
- **Deshonna Collier-Goubil**, Former Research Assistant, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Moderator: Ronald E. Wilson**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Scene Processing Protocols: Explosives, Fire and Mass Fatalities

Salon II

This panel will highlight NIJ's current research and development in crime scene processing. Panelists will discuss research involving different scene scenarios, including mass fatalities and fire scenes. Panelists will also provide best practices and protocols, as well as new tools and technologies to assist the investigator in scene processing and documentation.

- **José R. Almirall**, Professor, Department of Chemistry and Biochemistry, and Director, International Forensic Research Institute, Florida International University, Miami
- **Dennis C. Dirkmaat**, Director, Department of Applied Forensic Sciences and Master of Science in Anthropology, Forensic and Biological Anthropology Concentration, Mercyhurst College, Erie, Pa.
- **André Marshall**, Associate Professor, Department of Fire Protection Engineering, University of Maryland, College Park
- **Moderator: Danielle McLeod-Henning**, Program Manager, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Using License Plate Readers to Fight Crime

Salon A

This is a joint panel of NIJ's Office of Research and Evaluation (ORE) and Office of Science and Technology (OST). Panelists will discuss the latest efforts to implement license plate reader technology into policing operations. OST grantees will explain various aspects of the technology and an ORE grantee from the National Opinion Research Center will present findings from a study on the use of license plate readers to combat auto theft in Arizona.

- **Dale Stockton**, Project Manager, Road Runner, Automated Regional Justice Information System, San Diego
- **Bruce G. Taylor**, Principal Research Scientist, Substance Abuse, Mental Health and Criminal Justice Studies Department, National Opinion Research Center, University of Chicago
- **Meghann Tracy**, Project Manager, Technology Center, International Association of Chiefs of Police, Alexandria, Va.
- **Moderator: William A. Ford**, Director, Information and Sensor Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.

3:30 p.m.

## Break

3:45 p.m.

## Concurrent Panels, Forensic Science Demonstrations/Poster Session and Workshops



### Are Conducted Energy Devices Safe and Effective?

Salons C-E

Thousands of law enforcement agencies throughout the United States have adopted conducted energy devices (CEDs) as a safe method to subdue individuals, but are these devices really safe? What policies should agencies adopt to ensure the proper use of this technology? This panel will discuss the physiological effects of electrical current in the human body caused by CEDs, as well as how this technology can reduce injuries to officers and suspects when appropriate policies and training are followed.

- **John C. Hunsaker III**, Associate Chief Medical Examiner, Kentucky Justice and Public Safety Cabinet, Frankfort
- **Eugene A. Paoline III**, Associate Professor, Department of Criminal Justice and Legal Studies, University of Central Florida, Orlando
- **William Terrill**, Associate Professor, School of Criminal Justice, Michigan State University, East Lansing
- **Moderator: Joseph Cecconi**, General Engineer, Operational Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Court Case Management for Prosecution, Defense and Family Justice Services

Salon J

This panel will discuss the role of court case management systems in prosecution, defense and client services. The Vera Institute of Justice's study on prosecution and racial justice began with the development and implementation of a prosecutor management information system, which allowed staff to observe patterns in case declinations and dismissals and led to policy changes to reduce disparities in law enforcement referrals and charging decisions. The Michigan State Appellate Defender Office established its own system to improve efficiency and the delivery of justice through automated information retrieval, form preparation and staff calendar management. In response to a California mandate, the San Diego Family Justice Center implemented a domestic violence communication system that electronically captures information to assess and track victims, witnesses and offenders.

- **Peter S. Gilchrist III**, District Attorney, 26th Prosecutorial District, Mecklenburg County, North Carolina Administrative Offices of the Courts, Charlotte
- **James R. Neuhard**, Director, State Appellate Defender Office, Detroit
- **Katie Mugg**, Project Manager, Automated Regional Justice Information System, San Diego
- **Don Stemen**, Assistant Professor, Department of Criminal Justice, Loyola University, Chicago
- **Moderator: William A. Ford**, Director, Information and Sensor Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Developing the Offender Tracking Standard

Salon K

This panel will focus on the mission and objectives of the Special Technical Committee (STC) for Offender Tracking and its standards development process. Panelists will discuss the current state of offender tracking in community corrections and the development of the Offender Tracking STC. Panelists will also provide an overview of the STC process and explain why it was created and the resulting documents.

- **George Drake**, Consultant, National Law Enforcement and Corrections Technology Center, Rockville, Md.
- **Tom Roy**, Executive Director, Arrowhead Regional Corrections, Duluth, Minn.
- **Jim Wong**, Program Manager, Law Enforcement Technology Support Center, Savannah River National Laboratory, U.S. Department of Energy, Aiken, S.C.
- **Moderator: Jack Harne**, Physical Scientist, Operational Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Forensic Science Demonstrations/Poster Session

Sky View

DNA researchers will present their tools and recent findings through technology demonstrations and posters. Crime laboratory practitioners who receive support under NIJ's DNA Backlog Reduction Programs will present posters on such topics as success stories, improved laboratory efficiency and technology solutions to routinely encountered challenges. This session will also provide a forum for interaction and discussion among researchers, practitioners and conference participants with an interest in forensic science.

### RESEARCHERS

- **Jack Ballantyne**, Professor of Chemistry, University of Central Florida, and Associate Director, National Center for Forensic Science, Orlando
- **Jodi Lynn Barta**, Postdoctoral Researcher, Kemp Lab of Molecular Anthropology and Ancient DNA, Washington State University, Pullman
- **John R. Battista**, Mary Lou Applewhite Professor of Biological Sciences, Louisiana State University and A&M College, Baton Rouge
- **Phil Belgrader**, Vice President of Research and Development, Akonni Biosystems, Frederick, Md.
- **Bruce Budowle**, Executive Director, Institute of Investigative Genetics, and Professor, Department of Forensic and Investigative Genetics, University of North Texas Health Science Center, Fort Worth
- **Eric Buel**, Director, Vermont Forensic Laboratory, Waterbury
- **John M. Butler**, Fellow and Group Leader of Applied Genetics, National Institute of Standards and Technology, U.S. Department of Commerce, Gaithersburg, Md.
- **Katherine Butler**, Research Assistant, The George Washington University, Washington, D.C.
- **Christian B. Carson**, Associate Laboratory Director, Paternity Testing Corp., Columbia, Mo.
- **Tania Chakrabarty**, Senior Scientist, Arryx Inc., Chicago
- **Thomas N. Chiesl**, Scientist, Professor Richard Mathies' Lab, Chemistry Department, University of California, Berkeley
- **Phillip B. Danielson**, Professor of Molecular Biology, University of Denver
- **Ronald W. DeBry**, Associate Professor of Biological Sciences, University of Cincinnati
- **Robert E. Driscoll**, Research Scientist and Project Manager, Bode Technology Group, Lorton, Va.
- **Erin Finehout**, Lead Engineer, Biosciences Organization, GE Global Research, Niskayuna, N.Y.
- **Thomas A. Hall**, Director, Development, Ibis Biosciences, Carlsbad, Calif.
- **Micah Halpern**, Senior Scientist, Midwest Research Institute, Kansas City, Mo.
- **Jodi Irwin**, Research Scientist, Armed Forces DNA Identification Laboratory, Rockville, Md.
- **Sree Kanthaswamy**, Assistant Research Geneticist, California National Primate Research Center, University of California, Davis

- **Kenneth K. Kidd**, Professor of Genetics, Psychiatry, and Ecology and Evolutionary Biology, Yale University, New Haven, Conn.
- **Greggory S. LaBerge**, Scientific Director and Bureau Commander, Denver Police Department
- **Igor K. Lednev**, Associate Professor, University at Albany, The State University of New York
- **Kevin Legg**, Research Assistant, Department of Biological Sciences, University of Denver
- **Henry K. Lin**, Eugene P. Wigner Fellow, Biosciences Division, Oak Ridge National Laboratory, U.S. Department of Energy, Tenn.
- **Lidissy Liriano**, Student, Forensic Science Program, Department of Science, John Jay College of Criminal Justice, The City University of New York
- **Bruce R. McCord**, Professor of Analytical and Forensic Chemistry, Florida International University, Miami
- **Bo Pietraszkiewicz**, Graduate Research Fellow, National Institute of Justice, U.S. Department of Justice, Washington, D.C.; and Graduate Student, University of Connecticut, Storrs
- **Carmen Reedy**, Graduate Student, University of Virginia, Charlottesville
- **Diane Rowold**, Senior Geneticist, SAIC, San Diego
- **Mark D. Shriver**, Associate Professor of Anthropology and Genetics, Pennsylvania State University, University Park
- **Donald Siegel**, Research Supervisor, Molecular Genetics Group, Department of Forensic Biology, Office of Chief Medical Examiner, New York
- **Eugene Tan**, Vice President of Product Development, Network Biosystems, Woburn, Mass.
- **Cynthia Zeller**, Assistant Professor of Chemistry and Forensic Science, Towson University, Md.

#### **PRACTITIONERS (AGENCY NAMES)**

##### **Alabama**

- Alabama Department of Forensic Sciences

##### **Alaska**

- Alaska Department of Public Safety

##### **Arizona**

- Arizona Criminal Justice Commission
- Arizona Department of Public Safety
- Mesa Police Department
- Phoenix Police Department
- Scottsdale Police Department
- Tucson Police Department

##### **Arkansas**

- Arkansas State Crime Laboratory

##### **California**

- Alameda County
- California Department of Justice
- City of Los Angeles
- City of Oakland
- City of San Diego
- Contra Costa County
- Fresno County Sheriff's Office
- Kern County
- Los Angeles County Sheriff's Department

##### **Orange County**

- Sacramento County
- San Bernardino County
- San Diego County
- San Francisco Police Department
- San Mateo County
- Santa Clara County
- Ventura County

##### **Colorado**

- City and County of Denver
- Colorado Department of Public Safety

##### **Connecticut**

- Department of Public Safety

##### **Delaware**

- Delaware Health and Social Services

##### **Florida**

- Broward Sheriff's Office
- Florida Department of Law Enforcement
- Miami-Dade County
- Palm Beach County Sheriff's Office
- St. Lucie County Sheriff's Office

##### **Georgia**

- Georgia Bureau of Investigation

##### **Hawaii**

- City and County of Honolulu

##### **Idaho**

- Idaho State Police

##### **Illinois**

- DuPage County Sheriff's Office
- Illinois State Police
- Northeastern Illinois Regional Crime Laboratory

##### **Indiana**

- Indiana State Police
- Indianapolis-Marion County Forensic Services Agency

##### **Kansas**

- Johnson County
- Kansas Bureau of Investigation

##### **Kentucky**

- Commonwealth of Kentucky

##### **Louisiana**

- Acadiana Criminalistics Laboratory
- Jefferson Parish Forensic Science Center
- Louisiana State Police
- Louisiana State Police Crime Laboratory
- Northern Louisiana Crime Laboratory

- Southwest Louisiana Criminalistics Laboratory
- St. Tammany Parish Coroner's Office DNA Laboratory

**Maine**

- Maine Department of Public Safety
- Maine State Police

**Maryland**

- Anne Arundel County
- Baltimore County
- City of Baltimore
- Maryland State Police
- Montgomery County
- Prince George's County

**Massachusetts**

- City of Boston
- Massachusetts State Police

**Michigan**

- State of Michigan

**Minnesota**

- Hennepin County
- Minnesota Department of Public Safety

**Mississippi**

- Mississippi Department of Public Safety

**Missouri**

- Board of Police Commissioners
- Missouri State Highway Patrol
- St. Charles County
- St. Louis County
- St. Louis Metropolitan Police Department

**Montana**

- Montana Department of Justice

**Nebraska**

- Nebraska State Patrol

**Nevada**

- Las Vegas Metropolitan Police Department
- Washoe County Sheriff's Office

**New Hampshire**

- New Hampshire Department of Safety

**New Jersey**

- New Jersey Department of Law and Public Safety

**New Mexico**

- City of Albuquerque
- State of New Mexico

**New York**

- City of New York
- Erie County
- Monroe County
- Nassau County
- New York State Police
- Onondaga County
- Suffolk County
- Westchester County

**North Carolina**

- City of Charlotte
- North Carolina Department of Crime Control and Public Safety

**North Dakota**

- State of North Dakota

**Ohio**

- City of Columbus
- City of Mansfield
- Cuyahoga County Coroner's Office
- Hamilton County
- Lake County
- Montgomery County
- State of Ohio Office of the Attorney General

**Oklahoma**

- City of Tulsa
- Oklahoma State Bureau of Investigation

**Oregon**

- Oregon State Police

**Pennsylvania**

- Allegheny County
- City of Philadelphia
- Pennsylvania State Police

**Puerto Rico**

- Instituto de Ciencias Forenses

**Rhode Island**

- Rhode Island Public Safety Grant Administration Office

**South Carolina**

- Richland County Government
- South Carolina Law Enforcement Division

**South Dakota**

- Office of the Attorney General

**Tennessee**

- State of Tennessee

**Texas**

- Bexar County
- City of Austin
- City of Houston
- Dallas County
- Harris County
- State of Texas
- Tarrant County
- University of North Texas Health Science Center at Fort Worth

**Utah**

- Utah Department of Public Safety

**Vermont**

- Vermont Department of Public Safety

**Virginia**

- Commonwealth of Virginia

**Washington**

- Washington State Patrol

**Washington, D.C.**

- Metropolitan Police Department

**West Virginia**

- Marshall University Research Corp.
- West Virginia State Police

**Wisconsin**

- Wisconsin Department of Justice

**Wyoming**

- Wyoming Office of the Attorney General





## Get Funded: Developing a Better Proposal

Salon A

Federal agencies, such as NIJ, fund only the top 10 percent of applications. This workshop will give you an overview on how to write a competitive proposal, complete the numerous forms required in federal funding, develop a budget, and address human subjects research and privacy issues. Instructors will also discuss the role of an institutional review board and explain data archiving, sound methodology, and the differences between social science research and technology research. Bring previous consensus reviews for ideas on how to improve your next proposal.

- **Bernard Auchter**, Acting Division Director, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Jolene Hernon**, Director, Office of Communications, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Carlene Shaifer-Jones**, Financial Analyst, Office of the Chief Financial Officer, Grants Financial Management Division, U.S. Department of Justice, Washington, D.C.
- **Alan Spanbauer**, Program Manager, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Cheryl Crawford Watson**, Human Subjects Protection Compliance Officer, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Impression Evidence: Strengthening the Disciplines of Fingerprints, Firearms, Footwear, and Other Pattern and Impression Sciences Through Research

Salons F-H

Forensic examinations involving specific forensic science disciplines are typically dependent upon qualitative analyses and expert interpretation of observed patterns based on a scientific foundation, rather than quantitative results. These disciplines include latent fingerprints, questioned documents, footwear, and other forms of impression and pattern evidence. This panel will highlight current fundamental research needs in the areas of impression evidence examination and how NIJ is addressing those needs through its forensic research and development portfolio within the Office of Investigative and Forensic Sciences.

- **Tom Busey**, Professor of Cognitive Science, Department of Psychological and Brain Sciences, Indiana University, Bloomington
- **David Howitt**, Professor, Department of Chemical Engineering and Materials Science, University of California, Davis
- **Sargur Srihari**, SUNY Distinguished Professor, Department of Computer Science and Engineering, University at Buffalo, The State University of New York
- **Moderator: Gerry LaPorte**, Forensic Policy Program Manager, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Improving Criminal Justice Outcomes by Focusing on Victims

Salon I

This panel will focus on two studies that have practical implications for working with victims in criminal justice settings. The first study examined the effectiveness of coordinated outreach programs in intimate partner violence cases. The second study assessed adolescent victims who received sexual assault nurse examiner-sexual assault response team (SANE-SART) services to learn how their experiences influenced participation in prosecution. After discussion of the two studies, panelists will explain how these studies may inform practice and policy.

- **Rebecca Campbell**, Professor of Community Psychology and Program Evaluation, Michigan State University, East Lansing
- **Anne P. DePrince**, Associate Professor, Department of Psychology, University of Denver
- **Meg Garvin**, Executive Director, National Crime Victim Law Institute, Portland, Ore.
- **Moderator: Karen JoAnne Bachar**, Social Science Analyst, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### International Organized Crime: Recent Developments in Policy and Research

Salon II

Since 2008 DOJ has been reviewing its policies and programs on international organized crime, with the goal of strengthening law enforcement's response to this threat. In this panel, the speakers will explore how DOJ and other U.S. government agencies are responding to it. Attendees will learn more about the Attorney General's Organized Crime Council, the International Organized Crime Intelligence and Operations Center, and the recent National Intelligence Estimate on International Organized Crime. Staff from NIJ's International Center will discuss the results of a recent expert working group on research needs in this area and how the Institute is supporting its sister agencies with research and information.

- **Lisa Holtyn**, Senior Intelligence Adviser, Organized Crime and Racketeering Section, Criminal Division, U.S. Department of Justice, Washington, D.C.
- **Jennifer Shasky Calvery**, Senior Counsel to the Deputy Attorney General, Director of the Attorney General's Organized Crime Council, and Head, International Organized Crime Intelligence and Operations Center, U.S. Department of Justice, Washington, D.C.
- **Panelist and Moderator: John T. Picarelli**, Social Science Analyst, International Center, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Public Use Operations of Unmanned Aircraft Systems: From University Research to SWAT Team

Salon B

This panel will focus on the public use of unmanned aircraft systems (UAS) in national air space. Presenters will discuss current issues, their impact on the law enforcement community, and the steps taken and progress made to address the matter. Speakers will highlight the first UAS Stakeholders meeting, recently co-hosted by NIJ, and provide an update on the status of action items from the meeting. Presenters will also propose next steps.

- **Rosanne Bailey**, Special Projects Coordinator for Unmanned Aircraft Systems, University of Alaska, Fairbanks
- **Ron Barrett-Gonzalez**, Associate Professor of Aerospace Engineering, University of Kansas, Lawrence
- **Jeffrey C. Evans**, Tactical Flight Officer, Aircraft Section, Texas Department of Public Safety, Austin
- **Moderator: Tim Adelman**, Program Manager, Sheriffs' Association of Texas, Austin

5:15 p.m.

Adjourn

# Tuesday

JUNE 15

AT A GLANCE



8:30 a.m.	Poster Session Breakfast	Salons C-H
10:30 a.m.	Plenary Panel: Cell Phones in Prisons	Salons III-VI
12:00 p.m.	Lunch (on your own)	
1:15 p.m.	<b>Concurrent Panels</b>	
	■ CCTV Systems: Do They Work and How Can They Be Made More Effective?	Salon II
	■ How Predictive Policing Is Changing the Law Enforcement Landscape	Salon J
	■ The Impact of Neighborhoods on Youth Behavior	Salon K
	■ Pretrial Programs and Research	Salon B
	■ Project HOPE: From Practice to Policy	Salon I
	■ Sexual Violence Research 15 Years After VAWA	Salon A
	■ Social Science Research on Forensics	Salons C-E
	■ The State of the Police Field: A New Professionalism in Policing?	Salons F-H
3:00 p.m.	<b>Concurrent Panels and Workshops</b>	
	■ Data-Driven Approaches to Crime <i>and</i> Traffic Safety	Salon K
	■ Forensic Information Data Exchange: Improving Business Processes Through the Efficient Exchange of Information	Salons F-H
	■ From Paper to Practice: DOJ's Global Initiative Delivers Solutions for Information Sharing	Salon I
	■ How Police Fatigue Affects Performance	Salon J
	■ NIJ's Multisite Adult Drug Court Evaluation: The Final Results	Salon B
	■ Sex Offenders in the Community: Post-Release, Registration, Notification and Residency Restrictions	Salons C-E
	■ Situational Approaches to Making Communities and Correctional Institutions Safer	Salon A
	■ Special Technical Committees: How They Are Changing NIJ's Standards Development Process	Salon II
4:30 p.m.	Adjourn	

## Panel Tracks

Building Safer  
Communities 

Corrections 

Courts and  
Sentencing 

Forensic Science  
(Policy) 

Forensic Science  
(Technical) 

Geography  
and Crime 

Policing 

Violence and  
Victimization 

Workshop 

8:30 a.m.

**Poster Session Breakfast**

Salons C-H

Enjoy breakfast and mingle with colleagues as you discuss the contents of more than 30 posters on a wide range of topics — from technology to victimization to trainings on how to investigate a cold case. A special section will be devoted to learning more about NIJ and its divisions and activities. The breakfast and poster session is an opportunity to view the Institute's research in progress, nurture partnerships and give feedback to one another.

10:15 a.m.

**Break**

10:30 a.m.

**Plenary Panel: Cell Phones in Prisons**

Salons III-VI

Criminals are using cell phones illegally in prisons and jails to conduct their business and intimidate witnesses. Although technology solutions to this problem are available, they can create new challenges, such as legal and implementation issues associated with cell phone use in correctional facilities. Panelists will discuss various aspects to consider from how prisoners use cell phones, to day-to-day and operational aspects, to legal and regulatory concerns.

- **Larry D. Atlas**, Senior Advisor to the Assistant Secretary of Communications and Information, National Telecommunications and Information Administration, Washington, D.C.
- **James Arden Barnett Jr.**, Rear Admiral (Ret.), Chief, Public Safety and Homeland Security Bureau, Federal Communications Commission, Washington, D.C.
- **Aaron D. Kennard**, Executive Director, National Sheriffs' Association, Alexandria, Va.
- **Harley G. Lappin**, Director, Federal Bureau of Prisons, U.S. Department of Justice, Washington, D.C.
- **Gary D. Maynard**, Secretary, Maryland Department of Public Safety and Correctional Services, Towson
- **Moderator: Ellen Scrivner**, Deputy Director, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.

12:00 p.m.

**Lunch (on your own)**

1:15 p.m.

**Concurrent Panels****CCTV Systems: Do They Work and How Can They Be Made More Effective?**

Salon II

Smile! Because you are probably on camera. With technology constantly emerging, the use of video cameras for public and private interests has become more and more common; therefore, the need to determine their true relevance to crime fighting, as well as how to improve their effectiveness, is immediate. Panelists will discuss a current NIJ study that is examining whether and how closed-circuit television (CCTV) systems impact crime in the area they monitor. This panel will also offer suggestions for ways to improve the usefulness of video cameras, including presentations on the work by GE Global Research to develop software that automatically detects potentially suspicious behavior in real-time and the Lancaster City (Pa.) Bureau of Police's effective public-private partnership with businesses and community organizations.

- **Nils Krahnstoeber**, Senior Research Scientist, Visualization and Computer Vision Lab, GE Global Research, Niskayuna, N.Y.
- **Jerry H. Ratcliffe**, Professor, Department of Criminal Justice, Temple University, Philadelphia, Pa.
- **Keith Sadler**, Chief, Lancaster City Bureau of Police, Pa.
- **Moderator: Frances J. Scott**, Physical Scientist, Information and Sensor Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## How Predictive Policing Is Changing the Law Enforcement Landscape

Salon J

Predictive policing refers to any strategy or tactic that develops and uses information and advanced analysis to inform forward-thinking and innovative crime prevention. Panelists will discuss technical elements, policy implications and privacy issues related to predictive policing. Panelists will also present cases that have successfully implemented predictive analysis and explore what lies ahead.

- **Raymond Guidetti**, Lieutenant and Manager, Regional Operations Intelligence Center, New Jersey State Police, Trenton
- **Greg Ridgeway**, Director, Safety and Justice Program and Center on Quality Policing, RAND Corp., Santa Monica, Calif.
- **Moderator: William A. Ford**, Director, Information and Sensor Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## The Impact of Neighborhoods on Youth Behavior

Salon K

Neighborhood context and composition can affect crime patterns and the strategies used to prevent and target crime. Panelists will discuss whether collective efficacy, a concept that explains the capacity of residents, organizations and other groups to exert levels of social control, can reduce crime in neighborhoods that have high-risk factors. The panel will also explain how programs and neighborhoods jointly shape youth behavior. Using GIS and spatial data mining, the panelists have identified the conditions under which rehabilitative programs can be most successful in reducing juvenile recidivism, given the simultaneous effects neighborhood, program and individual characteristics (including family) have on youth.

- **Marc Buslik**, Captain, Chicago Police Department
- **Phil Harris**, Associate Professor, Department of Criminal Justice, Temple University, Philadelphia, Pa.
- **Shellie E. Solomon**, CEO, Justice & Security Strategies Inc., Hallandale Beach, Fla.
- **Moderator: Ronald E. Wilson**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Pretrial Programs and Research

Salon B

NIJ has identified the pretrial and jail release phases of the criminal justice system as an understudied research priority. At these stages, case management and other key decisions affecting detention, case outcome and sentencing are made. Such decisions have important repercussions for defendants/offenders, victims and their families, and policymakers. Panelists will discuss the various concerns of detention and incarceration alternatives, such as risk and needs assessment; public safety; court appearances; supervision; costs and benefits; and other related issues, including disparities in case processing and special populations (e.g., juveniles). See NIJ's Web site for additional information at <http://www.ojp.usdoj.gov/nij/topics/courts/pretrial/research-meeting/welcome.htm>.

- **Mari Curbelo**, Director of Court Programs, New York City Criminal Justice Agency
- **Jennifer Fratello**, Associate Research Director, Center on Youth Justice, Vera Institute of Justice, New York
- **Kenneth D. Robinson**, President and Founder, Correctional Counseling Inc., Germantown, Tenn.
- **Moderator: Linda Truitt**, Senior Social Science Analyst, Justice Systems Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Project HOPE: From Practice to Policy

Salon I

Research indicates that sanctions are more effective if delivered with swiftness and certainty. Yet many community supervision agencies struggle with this goal, weighed down by paperwork, lengthy delays in court and other obstacles. In the Hawaii HOPE program, judges send high-risk violators to jail for a short stay. This sanction is applied within 48 hours in a process designed to be fair, swift and certain. This panel offers a description of Hawaii's HOPE program, with a focus on development, philosophy and implementation. Panelists will also discuss the impetus and development of the related federal legislative proposal (H.R. 4055), research results, and the costs and benefits of the project.

- **The Honorable Steven S. Alm**, Judge, First Circuit Court, Honolulu, Hawaii
- **Sabrina Zeinab-Hamdeh**, Research Assistant, Pepperdine University, Malibu, Calif. (presenting on behalf of Angela Hawken)
- **Moderator: Nancy Merritt**, Senior Policy Advisor, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Sexual Violence Research 15 Years After VAWA

Salon A

Panelists will summarize the progress and results of sexual violence research since the passage of the Violence Against Women Act of 1994. The panel will also examine how research has contributed to policy, assess current knowledge gaps and discuss research needs.

- **Rebecca Campbell**, Professor of Community Psychology and Program Evaluation, Michigan State University, East Lansing
- **Bonnie S. Fisher**, Professor, Division of Criminal Justice and Research Fellow, Center for Criminal Justice Research, University of Cincinnati
- **Delilah Rumburg**, Executive Director, Pennsylvania Coalition Against Rape, Enola
- **Moderator: Karen JoAnne Bachar**, Social Science Analyst, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Social Science Research on Forensics

Salons C-E

This panel will present findings from the two forensic evidence projects and the follow-up study of the DNA property crimes field experiment. The projects examined the use of forensic evidence from the crime scene through court disposition to determine the role and impact it has on case outcomes in a variety of offenses. The DNA field experiment follow-up study reviewed court dispositions and criminal histories of offenders prosecuted for property crimes using DNA evidence. Panelists will also discuss implications for forensic policy.

- **Tom McEwen**, Director of Research, Institute for Law and Justice Inc., Alexandria, Va.
- **Joseph L. Peterson**, Professor and Director, School of Criminal Justice and Criminalistics, California State University, Los Angeles
- **John Roman**, Senior Research Associate, Justice Policy Center, Urban Institute, Washington, D.C.
- **Moderator: Katharine Browning**, Senior Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### The State of the Police Field: A New Professionalism in Policing?

Salons F-H

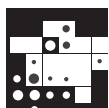
Panelists will debate the premise of a Harvard Executive Session working paper that suggests police organizations are striving for a “new” professionalism. Leaders are endeavoring for stricter standards of efficiency and conduct, while also increasing their legitimacy to the public and encouraging innovation. Is this new? Will this idea lead to prematurely discarding community policing as a guiding philosophy?

- **Ronald Davis**, Chief, East Palo Alto Police Department, Calif.
- **David Alan Sklansky**, Yosef Osheawich Professor of Law and Faculty Chair, Berkeley Center for Criminal Justice, University of California, Berkeley, School of Law
- **Christopher Stone**, Daniel and Florence Guggenheim Professor of the Practice of Criminal Justice, John F. Kennedy School of Government, Harvard University, Cambridge, Mass.
- **Moderator: Ellen Scrivner**, Deputy Director, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.

2:45 p.m.

Break

3:00 p.m.

**Concurrent Panels and Workshops****Data-Driven Approaches to Crime *and* Traffic Safety**

Salon K

Data-Driven Approaches to Crime *and* Traffic Safety (DDACTS) is a law enforcement operational model that uses the integration of location-based crime and traffic crash data to establish effective and efficient methods for deploying law enforcement resources. Presenters will discuss how DDACTS ensures accountability and provides a dynamic, evidenced-based, problem-solving approach to crime and crashes. This approach, grounded in community-oriented law enforcement, suggests that place-based policing, versus person-based (traditional) policing, is more efficient as a focus of law enforcement actions; provides a more stable target for law enforcement activities; has a stronger evidence base; and raises fewer ethical and legal problems.

- **Howard Hall**, Commanding Officer, Operational Services Section, Baltimore County Police Department, Md.
- **Emily N. Puls**, Traffic Analyst, Baltimore County Police Department, Towson, Md.
- **Ronald E. Wilson**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Panelist and Moderator: Earl Hardy**, Highway Safety Specialist, National Highway Traffic Safety Administration, U.S. Department of Transportation, Washington, D.C.

**Forensic Information Data Exchange: Improving Business Processes Through the Efficient Exchange of Information**

Salons F-H

An informal assessment has shown that 87 percent of crime laboratories accept forensic requests via a hand written (long) form from the submitting agency. Additionally, 98 percent of respondents indicate that some percentage of the requests require clarification from the submitting agency. These manual processes place undue administrative burdens on the crime laboratory, which can have a significant impact on casework turn-around time. Panelists will introduce the Forensic Information Data Exchange (FIDEX) program and how it is being used to facilitate the interoperable exchange of forensic data/information among law enforcement, crime labs and the court. Panelists will also demonstrate the power of this scalable system that gives laboratories accurate, real-time forensic case information and thereby allows them to more effectively prioritize casework.

- **Aaron Gorrell**, President and CEO, Waterhole Software Inc., Colorado Springs, Colo.
- **Kevin Kosiorek**, Criminalist, Serology Section, Crime Laboratory Unit, Boston Police Department
- **Jim Markey**, Sergeant, Phoenix Police Department
- **Michael O'Berry**, Operations Manager, National Missing and Unidentified Persons System, National Forensic Science Technology Center, Largo, Fla.
- **Moderator: William A. Ford**, Director, Information and Sensor Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.

**From Paper to Practice: DOJ's Global Initiative Delivers Solutions for Information Sharing**

Salon I

DOJ's Global Justice Information Sharing Initiative serves as the voice of the criminal justice system, supporting policies and procedures that improve the way agencies share data. Global represents more than 30 of the nation's leading practitioner organizations in law enforcement, courts, corrections, probation and parole, and local and state government. Through Global programs, innovative technology has been implemented at all levels of government and taken standards-based information sharing to new and exciting levels, allowing the criminal justice field to leverage the best cost-effective and efficient solutions from private industry. This panel will discuss some of Global's most important activities and provide real-world case studies of their impact on the field.

- **Paul S. Embley**, Chairman, Global Justice XML Structure Task Force; and Chief Information Officer and Technology Director, National Center for State Courts, Williamsburg, Va.
- **Raymond Guidetti**, Lieutenant and Manager, Regional Operations Intelligence Center, New Jersey State Police, Trenton



- **Carl A. Wicklund**, Vice Chairman, Global Advisory Committee, Global Justice Information Sharing Initiative, U.S. Department of Justice, Washington, D.C.; and Executive Director and Secretariat, American Probation and Parole Association, The Council of State Governments, Lexington, Ky.
- **Moderator: Christopher Traver**, Senior Policy Advisor, Justice Information Sharing, Policy Office, Bureau of Justice Assistance, U.S. Department of Justice, Washington, D.C.



### How Police Fatigue Affects Performance

Salon J

Shift work, overtime and night hours are required in policing, as in many other occupations. Research has demonstrated that these factors may result in insufficient sleep, diminished alertness and fatigue if work schedules, hours and stress are not managed properly. In turn, greater fatigue and stress may increase performance errors, accidents and injuries, and health problems. Current NIJ grantees will discuss ongoing studies and results in this area.

- **Paul Cappitelli**, Executive Director, California Commission on Peace Officers Standards and Training, Sacramento
- **Bryan Vila**, Professor of Criminal Justice, Washington State University, Spokane
- **John M. Violanti**, Professor, Department of Social and Preventive Medicine, University at Buffalo, The State University of New York
- **Moderator: Brett Chapman**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### NIJ's Multisite Adult Drug Court Evaluation: The Final Results

Salon B

The Urban Institute, the Center for Court Innovation and the Research Triangle Institute have completed an NIJ-funded longitudinal process, impact and cost evaluation of adult drug court treatment programs. The study involved three waves of interviews with staff and other stakeholders using computer-assisted personal interviewing technology, as well as an examination of administrative records on treatment and recidivism, drug detection tests, court observations, and budget and other cost information. The sample included approximately 1,200 drug court participants and 600 comparison group subjects across 23 drug courts and six comparison sites. Panelists will discuss the impact of drug courts on relapse, recidivism and psychosocial outcomes; how program policies and practices affect participant experiences; and how drug courts produce different outcomes given offender characteristics and attitudes.

- **Mia Green**, Senior Research Associate, Center for Court Innovation, New York
- **Christine Lindquist**, Senior Research Sociologist, RTI International, Research Triangle Park, N.C.
- **John Roman**, Senior Research Associate, Justice Policy Center, Urban Institute, Washington, D.C.
- **Shellie B. Rossman**, Senior Fellow, Justice Policy Center, Urban Institute, Washington, D.C.
- **Moderator: Linda Truitt**, Senior Social Science Analyst, Justice Systems Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Sex Offenders in the Community: Post-Release, Registration, Notification and Residency Restrictions

Salons C-E

The management of sexual offenders in the community post-release is an issue of increasing concern to law enforcement, policymakers and the public. In recent years, efforts to strengthen registration and notification have been enhanced. At the same time, comparatively little attention has been paid to related matters, such as how residency restrictions may impact offenders' efforts to find stable work and living arrangements once they are released from prison, whether rates of recidivism have changed, and whether these policies increase the safety of potential victims. Panelists will explore what recent research says about these concerns.

- **Alisa Klein**, Public Policy Consultant, Association for the Treatment of Sex Abusers, Beaverton, Ore.

- **Elizabeth J. Letourneau**, Assistant Professor, Medical University of South Carolina, Charleston
- **Kristen M. Zgoba**, Research Scientist, New Jersey Department of Corrections, Trenton
- **Moderator: Karen JoAnne Bachar**, Social Science Analyst, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### **Situational Approaches to Making Communities and Correctional Institutions Safer**

Salon A

Panelists will present the results of three studies that applied situational crime prevention (SCP) principles: 1) an evaluation of the Safe City initiative in Chula Vista, Calif., designed to combine the expertise and resources of local law enforcement, retailers and the community to increase the safety of designated retail areas; 2) a randomized controlled trial (in partnership with the Washington Metro Transit Police) that assessed the effectiveness of SCP to reduce car crime in Metro's parking facilities; and 3) an evaluation of the impact of SCP on preventing sexual assaults and inmate misconduct in a jail setting. Panelists will also discuss the studies' implications for theory, policy and practice.

- **Nancy G. La Vigne**, Director, Justice Policy Institute, Urban Institute, Washington, D.C.
- **Gary Wedge**, Captain, Administrative Services Division, Chula Vista Police Department, Calif.
- **Tara H. Wildes**, Chief, Jails Division, Jacksonville Sheriff's Office, Fla.
- **Moderator: Winnie Reed**, Director, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### **Special Technical Committees: How They Are Changing NIJ's Standards Development Process**

Salon II

NIJ has established Special Technical Committees to define equipment standards and ensure that practitioner needs are addressed. Members are carefully selected and include practitioners, scientists, researchers, subject matter experts, staff of test laboratories and major criminal justice stakeholder organizations, and representatives knowledgeable in standards development and conformity assessment. The members' diversity guarantees the standard package — the equipment standard, the conformity assessment program requirements, and the selection and application guide — that a committee develops is valid and respected by the user community. This workshop will highlight the process that formed the committees and the role they play in NIJ standards development, lab accreditations, certification boards, quality assurance programs, compliance assessment, public feedback, private industry, the Advisory Working Group and Steering Committee, research, and test methods and fixtures development.

- **Gordan Gillerman**, Chief, Standards Services Division, National Institute of Standards and Technology, U.S. Department of Commerce, Gaithersburg, Md.
- **William Haskell**, Project Officer, Policy and Standards Development Branch, National Personal Protective Technology Laboratory, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, Andover, Mass.
- **Philip J. Mattson**, Program Manager, U.S. Department of Homeland Security, Washington, D.C.
- **Cassandra Robinson**, Principal Engineer, Robotics and Remote Systems Group, Savannah River National Laboratory, U.S. Department of Energy, Aiken, S.C.
- **Robert Vondrasek**, Vice President, National Fire Protection Association, Quincy, Mass.
- **Moderator: Debra Stoe**, Physical Scientist, Operational Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.

4:30 p.m.

**Adjourn**



- 8:30 a.m. **Concurrent Panels**
- Children Exposed to Violence Salon I
  - Cold Case Units: Best Practices Salon K
  - Crime Across Metropolitan Areas Salon J
  - Exogenous DNA Contamination in Forensic Casework Salons C-E
  - The Greening of Corrections Salon A
  - The NIJ Standards and Testing Program: Best Practices for Law Enforcement Salons F-H
  - Problem Solving to Reduce Gun Violence and Drug Markets Salon II
  - Prosecuting Cases of Elder Abuse Salon B
- 10:15 a.m. **Concurrent Panels and Workshops**
- Cultural Aspects of Victimization Salon I
  - Do Hot Spots Techniques Predict Crime Locations? Salon K
  - Forensic Aspects of Elder Abuse Salons C-E
  - Improving Efficiency in the DNA Laboratory Salons F-H
  - Project on Human Development in Chicago Neighborhoods: Aspects of Acculturation and Resilience Salon J
  - Recognizing and Handling Digital Evidence Salon II
  - Studying Implementation: The Example of the National Criminal Justice-Drug Abuse Treatment Studies Research Collaboration Salon B
  - A View From the Street: Police Leaders Share Their Perspectives on Urgent Policy and Research Issues Facing Law Enforcement in 2010 and Beyond Salon A
- 12:00 p.m. **Luncheon and Keynote Address** Salons III-VI  
**Paula Zahn**  
 Plenary Panel: VAWA — Celebrating 15 Years and Moving Forward Together
- 1:45 p.m. **Adjourn**

## Panel Tracks

Building Safer  
Communities 

Corrections 

Courts and  
Sentencing 

Forensic Science  
(Policy) 

Forensic Science  
(Technical) 

Geography  
and Crime 

Policing 

Violence and  
Victimization 

Workshop 

8:30 a.m.



### Concurrent Panels

#### Children Exposed to Violence

Salon I

Panelists will discuss the results of the recent Office of Juvenile Justice and Delinquency Prevention's National Survey on Children's Exposure to Violence and findings from a seven-year follow-up study, funded by NIJ, on home visitation in New York. The survey's findings included startling figures: More than 60 percent of the children interviewed were exposed to violence, crime and abuse within the past year, and more than 1 in 10 were injured in an assault. The New York study evaluated Healthy Families New York, a home-visiting program that focuses on parent-child interactions and child development, and found its programs may help girls avoid risky or deviant behaviors during their early school years. The discussant will provide a practitioner's perspective on these studies and the critical issues of children exposed to violence.

- **Kimberly DuMont**, Research Associate, New York State Office of Children and Family Services, Rensselaer
- **David Finkelhor**, Director, Crimes Against Children Research Center; Co-Director, Family Research Laboratory; and Professor, Department of Sociology, University of New Hampshire, Durham
- **Patricia Stern**, Founder and Chief Consultant, Stern Steps, South Orange, N.J.
- **Moderator: Kristen Kracke**, Safe Start Initiative Coordinator, Office of Juvenile Justice and Delinquency Prevention, U.S. Department of Justice, Washington, D.C.



#### Cold Case Units: Best Practices

Salon K

This panel brings together cold case grant awards made by NIJ's Office of Research and Evaluation and Office of Investigative and Forensic Sciences. Panelists will report the findings from studies that examined which factors are more likely to be found in effective cold case units. Panelists will also discuss survey results from a study that assessed the relationship between cold case units and CODIS hits. A crime laboratory director will provide the practitioner's perspective of cold case units.

- **Robert Davis**, Senior Social Research Analyst, Center on Quality Policing, RAND Corp., Arlington, Va.
- **Charles Heurich**, Physical Scientist, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Greggory S. LaBerge**, Scientific Director and Bureau Commander, Denver Police Department
- **Moderator: Brett Chapman**, Social Science Analyst, Crime Control and Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



#### Crime Across Metropolitan Areas

Salon J

This panel will explore the degree to which differences between cities, metropolitan areas, neighborhoods and households affect criminal activity. Panelists will discuss an analysis of annual homicide trends for youth that is attempting to determine whether city characteristics identified in prior homicide research account for the variation of these trends between cities. Panelists will also examine current research projects that ask, among other things, whether the effect of foreclosure rates on neighborhood crime levels varies across cities and metropolitan areas in systematic ways, what effect the race and class composition of a city has on its trajectory of crime, and whether disadvantaged neighborhoods with high levels of poverty have a nonlinear effect on crime.

- **Eric P. Baumer**, Allen E. Liska Professor of Criminology, College of Criminology and Criminal Justice, Florida State University, Tallahassee
- **Angela Browne**, Specialist, Policy Research and Government Relations, Vera Institute of Justice, Washington, D.C.
- **John R. Hipp**, Assistant Professor, Department of Criminology, Law and Society, and Sociology, University of California, Irvine
- **Moderator: Ronald E. Wilson**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Exogenous DNA Contamination in Forensic Casework

Salons C-E

NIJ held a workshop on minimizing exogenous DNA contamination in November 2009; attendees agreed that a greater awareness of the potential issues was necessary. Panelists will examine prevention, identification and, if necessary, remediation of exogenous DNA contamination in forensic casework.

- **Theresa Caragine**, Special Deputy Director, Office of the Chief Medical Examiner, New York
- **Suni M. Edson**, Assistant Technical Leader, Mitochondrial DNA Section, Armed Forces DNA Identification Laboratory, Rockville, Md.
- **Ted Staples**, Manager of Forensic Biology, Division of Forensic Sciences, Georgia Bureau of Investigation, Decatur
- **Moderator: Minh Nguyen**, Program Manager, Office of Investigative and Forensic Sciences, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## The Greening of Corrections

Salon A

Panelists will discuss the *Green Technology Guidebook*, a project that is funded by NIJ's Office of Science and Technology and will assist institutional corrections managers with specific issues surrounding green technologies for corrections. Panelists will also explain initiatives by the National Institute of Corrections (NIC) to increase awareness of environmental conservation efforts in the field of corrections. NIC's project will assess the feasibility of green-collar jobs in correctional facilities and create an assessment tool for administrators to use in considering green improvements to their buildings. Panelists will describe Office of Juvenile Justice and Delinquency Prevention-funded projects that use green strategies in juvenile correctional settings and suggest how these might apply to adult corrections.

- **Eugene Atherton**, Institutions Program Manager, National Law Enforcement and Corrections Technology Center-Rocky Mountain Region, Denver
- **Patrick Dunckhorst**, Program Manager, Demonstration Programs Division, Office of Juvenile Justice and Delinquency Prevention, U.S. Department of Justice, Washington, D.C.
- **Lisa Johnson**, Senior Project Officer, National Institute for Work and Learning, U.S. Education and Workforce Development Group, Academy for Educational Development, Washington, D.C.
- **Moderator: Laurie Bright**, Senior Social Science Analyst, Justice Systems Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## The NIJ Standards and Testing Program: Best Practices for Law Enforcement

Salons F-H

This panel will focus on the NIJ standards process, success stories, and pending and existing standards, such as those for chemical, biological, radiological and nuclear; bomb suits; electronic monitoring; handheld and walk-through metal detectors; holsters; restraints; electronic countermeasures; and ballistic helmets. Panelists will also discuss their impact on the law enforcement community.

- **Michael E. Blanton**, Traffic Section Commander, Bureau of Special Operations, Lexington Division of Police, Ky.
- **Jay DeBold**, Regional STAR Commander, Ohio Department of Rehabilitation and Correction, Columbus
- **Stephanie Elder**, Chemical Engineer, Natick Soldier Research, Development and Engineering Center, Mass.
- **Patricia Gleason**, President, Safety Equipment Institute, McLean, Va.
- **Moderator: Debra Stoe**, Physical Scientist, Operational Technologies Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Problem Solving to Reduce Gun Violence and Drug Markets

Salon II

Various evaluations have been done on the Comprehensive Anti-Gang Initiative, Project Safe Neighborhoods and the Drug Market Initiative. This panel includes the lead researcher of these evaluations. Panelists will discuss the findings from the evaluations. They will also offer recommendations on how the programs can be improved and suggestions for moving forward.

- **Tim Bynum**, Director, National Archive of Criminal Justice Data, Inter-university Consortium on Political and Social Research, University of Michigan, Ann Arbor; and Professor, School of Criminal Justice, Michigan State University, East Lansing
- **Natalie Hipple**, Research Specialist, School of Criminal Justice, Michigan State University, East Lansing
- **Ed McGarrell**, Director and Professor, School of Criminal Justice, Michigan State University, East Lansing
- **Moderator: Louis Tuthill**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## Prosecuting Cases of Elder Abuse

Salon B

This panel will feature NIJ-funded research that has direct, practical implications for the prosecution of elder abuse cases. Panelists will present findings from a study of prosecutors in three states that examined the factors that influenced their decisions to prosecute elder financial abuse cases. The panel will also provide the results from an evaluation of five innovative court-based models that target perpetrators of elder abuse. A prosecutor from King County (located in Seattle) will discuss how these studies can assist criminal justice system professionals in pursuing cases of elder abuse.

- **Shelly Jackson**, Assistant Professor, Department of Psychiatry and Neurobehavioral Sciences, University of Virginia, Charlottesville
- **Lori Stiegel**, Senior Attorney, Commission on Law and Aging, American Bar Association, Washington, D.C.
- **Page Ulrey**, Senior Deputy Prosecuting Attorney, King County Prosecutor's Office, Seattle, Wash.
- **Moderator: Andy Mao**, Senior Counsel for Health Care Fraud and Elder Justice, Civil Fraud Section, Civil Division, U.S. Department of Justice, Washington, D.C.

10:00 a.m. **Break**

10:15 a.m. **Concurrent Panels and Workshops**



## Cultural Aspects of Victimization

Salon I

This panel will highlight a study that interviewed Filipina, Pakistani and Indian women using a culturally adapted Life History Calendar to capture lifetime intimate partner violence, stalking and sexual violence. Researchers also examined the women's experiences with the criminal justice system and victim services. This study provides some of the first empirical information on criminal justice contact with these populations, as well as recommendations to better serve them. Panelists will also discuss the Historically Black Colleges and Universities Campus Sexual Assault Study. Researchers used a Web-based survey to collect data from 4,000 undergraduate women at geographically diverse campuses and a mail survey that obtained data from campus criminal justice personnel and service providers.

- **Karma Cottman**, Vice President, Policy and Emerging Issues, National Network to End Domestic Violence, Washington, D.C.
- **Anne P. DePrince**, Associate Professor, Department of Psychology, University of Denver
- **Christopher Krebs**, Senior Research Social Scientist, RTI International, Research Triangle Park, N.C.
- **Moderator: Bethany Backes**, Social Science Analyst, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Do Hot Spots Techniques Predict Crime Locations?

Salon K

This panel will review a comprehensive research effort by NIJ's Mapping and Analysis for Public Safety Program and the University of Nevada, Las Vegas, to evaluate how law enforcement agencies use hot spot techniques to predict crime. Panelists will first discuss the accuracy of such techniques, based on the different methods of locating an incident. Next, the panel will demonstrate the performance of each technique in predicting clusters of crime and explain how the spatial structure of crime types and urban context affect the efficiency of the techniques. Finally, panelists will present current research on identifying the appropriate grid cell size to analyze aggregated crime incidents.

- **Timothy Brown**, Senior Consultant, Booz Allen Hamilton, and Research Associate, Mapping and Analysis for Public Safety, National Institute of Justice, U.S. Department of Justice, Washington, D.C.
- **Christopher Bruce**, Crime Analyst, Danvers Police Department, Mass.; and President, International Association of Crime Analysts, Overland Park, Kan.
- **Paul Zandbergen**, Associate Professor, Department of Geography, University of New Mexico, Albuquerque
- **Moderator: Joel Hunt**, Graduate Research Assistant, Mapping and Analysis for Public Safety, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Forensic Aspects of Elder Abuse

Salons C-E

This panel will feature the latest research on forensic aspects of elder abuse detection and prosecution. Panelists will discuss results from a recently completed study that examined the characteristics of pressure sores on elders who received quality care, emphasizing how this research informs the field about the warning signs of potential neglect. Panelists will also present findings from a study on how well elderly individuals with mild or moderate dementia remember emotional events. This study has implications for determining the reliability of abused elders to serve as witnesses to their own abuse. The panel will discuss other effects both studies have on the field as well.

- **Susan Chasson**, Sexual Assault Nurse Examiner Coordinator, Utah Coalition Against Sexual Assault, Salt Lake City; Family Nurse Practitioner, Merrill Gappmayer Family Medicine Clinic, Provo, Utah
- **Solomon Liao**, Associate Professor, Department of Medicine and Director of Geriatric Education, School of Medicine, University of California, Irvine
- **Aileen Wiglesworth**, Assistant Clinical Professor of Family Medicine, School of Medicine, University of California, Irvine
- **Moderator: Carrie Mulford**, Social Science Analyst, Violence and Victimization Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### Improving Efficiency in the DNA Laboratory

Salons F-H

Panelists will discuss projects they designed to improve efficiency in their laboratories and which ones are funded by the DNA Initiative's Forensic DNA Unit Efficiency Improvement Program. These projects include using a novel DNA extraction method, improving procedural methods for mtDNA testing and developing an expert system to assess the quality of mtDNA sequence data, and assisting a local police department set up an accredited biological screening lab to reduce the bottleneck that the DNA laboratory faces.

- **Cecelia Crouse**, Chief Scientific Officer, Crime Laboratory, and Manager, Forensic Biology Unit, Palm Beach County Sheriff's Office, Fla.
- **Scott Hummel**, DNA Technical Leader and Supervisor, Crime Laboratory, Kansas City Police Department, Mo.
- **Rhonda K. Roby**, Associate Professor and Project Coordinator, Health Science Center, University of North Texas, Fort Worth
- **Moderator: Mark Nelson**, Senior Program Manager, Investigative and Forensic Science Division, Office of Science and Technology, National Institute of Justice, U.S. Department of Justice, Washington, D.C.





### **Project on Human Development in Chicago Neighborhoods: Aspects of Acculturation and Resilience**

Salon J

This session will highlight two NIJ-funded projects examining multiple waves of the Project on Human Development in Chicago Neighborhoods' longitudinal data. Panelists will discuss behavioral resilience over time among urban adolescents differentially exposed to community violence, accounting for individual and neighborhood-level risks. Panelists will also examine how acculturation and the neighborhood context of Hispanic youth relate to their involvement in crime and their victimization experiences.

- **Denise Paquette Boots**, Assistant Professor, School of Economic, Political and Policy Sciences, University of Texas, Dallas
- **Sonia Jain**, Senior Researcher, Health and Human Development Program, WestEd, San Francisco
- **Christopher Maxwell**, Associate Dean for Research, College of Social Science and Associate Professor, School of Criminal Justice, Michigan State University, East Lansing; and Associate Research Scientist, Inter-University Consortium for Political and Social Research, University of Michigan, Ann Arbor
- **Jennifer Wareham**, Assistant Professor, College of Liberal Arts and Sciences, Wayne State University, Detroit
- **Moderator: Ronald E. Wilson**, Social Science Analyst, Crime Control and Prevention Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



### **Recognizing and Handling Digital Evidence**

Salon II

More and more often, law enforcement officers arrive at a crime scene containing evidence on digital equipment — cell phones; smartphones and PDAs, such as BlackBerry and iPhone; iPods; thumb or flash drives; and desktop computers and laptops. This workshop will describe the typical kinds of evidence found on such devices. The instructor will also explain how to identify the evidence and handle the technology to ensure that evidence will be admissible in court. This workshop is primarily for law enforcement officers and prosecutors, but researchers interested in digital crime and its investigation will likely gain insight from the discussion.

- **Robert O'Leary**, Director, Electronic Crime Technology Center of Excellence, National Law Enforcement and Correction Technology Center, Phillipsburg, N.J.



### **Studying Implementation: The Example of the National Criminal Justice-Drug Abuse Treatment Studies Research Collaboration**

Salon B

The National Institute on Drug Abuse's National Criminal Justice-Drug Abuse Treatment Studies, a research collaboration with researchers, criminal justice professionals and drug abuse treatment practitioners, is studying the difficulties of implementing evidence-based practices related to drug abuse treatment. Specifically, the group is looking at how to improve implementation of interventions at the organizational level in three domains — assessment process, medication-assisted treatment, and HIV testing and treatment — for offenders with drug problems. Panelists will provide a general framework of the research, preliminary data on current practices and implementation difficulties, and information on the strategies being used to improve the quality of practice and implementation in these three domains.

- **Bennett Fletcher**, Senior Research Psychologist, National Institute on Drug Abuse, U.S. Department of Health and Human Services, Bethesda, Md.
- **Akiva M. Liberman**, Health Science Administrator, National Institute on Drug Abuse, U.S. Department of Health and Human Services, Bethesda, Md.
- **Gary Zajac**, Research and Evaluation Manager, Pennsylvania Department of Corrections, Camp Hill
- **Moderator: Laurie Bright**, Senior Social Science Analyst, Justice Systems Research Division, Office of Research and Evaluation, National Institute of Justice, U.S. Department of Justice, Washington, D.C.



## **A View From the Street: Police Leaders Share Their Perspectives on Urgent Policy and Research Issues Facing Law Enforcement in 2010 and Beyond** Salon A

Sponsored by the International Association of Chiefs of Police (IACP) and its Research Advisory Committee (RAC), this panel unites law enforcement leaders from across the country to discuss their policy and research concerns. Charles Wellford, IACP RAC co-chair and University of Maryland professor, will facilitate the panel. Presenters will discuss urgent policing issues that merit ongoing research, law enforcement and academic research partnerships, and how research can and does affect agency policy and operations.

- **Rick Fuentes**, Superintendent, New Jersey State Police, West Trenton
- **Steven Martin**, Chief, Hopewell Township Police Department, N.J.
- **J. Michael Ward II**, Chief, Alexandria Police Department, Ky.
- **Moderator: Charles Wellford**, Professor of Criminology and Criminal Justice, University of Maryland; and Co-Chair, Research Advisory Committee, International Association of Chiefs of Police, Alexandria, Va.

## **12:00 p.m. Luncheon and Keynote Address**

Salons III-VI

Throughout her more than 30 years as an award-winning news journalist, Paula Zahn has covered topics related to crime and justice all too often. Now at Investigation Discovery as the executive producer of her own series focused on investigation and justice, Zahn will share how the media can shed light on critical criminal justice issues and play a role in informing and empowering the public.

- **Paula Zahn**, Executive Producer and Host of *On the Case with Paula Zahn*, Investigation Discovery, Silver Spring, Md.

## **Plenary Panel: VAWA — Celebrating 15 Years and Moving Forward Together**

Lives have been saved, survivors have been heard, families have been protected, and the criminal justice community has received training on the complex responses to domestic violence, sexual assault, dating violence and stalking. Panelists will examine the achievements that were made possible because of the Violence Against Women Act and discuss ways to further improve the lives of girls, women and families across the country.

- **Karen D. Carroll**, Associate Director, Bronx Sexual Assault Response Team, New York
- **Bernard K. Melekian**, Director, Office of Community Oriented Policing Services, U.S. Department of Justice, Washington, D.C.
- **Michael Paymar**, Representative, Minnesota House of Representatives, St. Paul
- **Catherine Pierce**, Deputy Director, Office on Violence Against Women, U.S. Department of Justice, Washington, D.C.
- **Lynn Rosenthal**, White House Advisor on Violence Against Women, Office of the Vice President of the United States, Washington, D.C.
- **Moderator: Kristina Rose**, Acting Director, Office of the Director, National Institute of Justice, U.S. Department of Justice, Washington, D.C.

## **1:45 p.m. Adjourn**

# Biographies

**Tim Adelman** is a Program Manager for the Sheriffs' Association of Texas, where he oversees the Aviation Technologies Program. Adelman is a certified flight instructor and has been flying for more than 16 years. He is also an attorney and has a Master of Business Administration degree. His flight experience and legal background have enabled him to assist law enforcement agencies in establishing aviation units. Adelman also provides legal and operational guidance in the use of unmanned aircraft systems. His work has included drafting purchase agreements, obtaining liability coverage, developing standard operating procedures, contracting with local airports, working with maintenance facilities and flight instructors, and evaluating aircraft to be used in law enforcement and flight training.

**Steven S. Alm** is a Circuit Court Judge in Honolulu. Previous to his 2001 appointment, Alm spent seven years as the U.S. Attorney for Hawaii and nine years as a local deputy prosecutor. In October 2004, Alm started HOPE Probation, a program to reduce probation violations by offenders at high risk of recidivism. In January 2009, he received the McGovern Award, presented by the Institute for Behavior and Health for the most promising drug policy idea of the year. Alm received his law degree from McGeorge School of Law and a master's degree in education from the University of Oregon.

**José R. Almirall** is a Professor in the Department of Chemistry and Biochemistry and the Director of the International Forensic Research Institute at Florida International University (FIU). Almirall was a practicing forensic scientist at the Miami-Dade Police Department Crime Laboratory for 12 years, where he testified in more than 100 criminal cases in state and federal courts prior to his academic appointment at FIU in 1998. Almirall has authored one book and more than 85 peer-reviewed scientific publications in the field of analytical and forensic chemistry. He has presented more than 400 papers and workshops and mentored more than 30 doctoral and master's degree students in forensic chemistry research. His research interests include the development of analytical chemistry tools for use in forensic science.

**Eugene Atherton** is the Institutions Program Manager for the National Law Enforcement and Corrections Technology Center for the Rocky Mountain region. Atherton has worked in criminal justice for 33 years, including 27 with the Colorado Department of Corrections, where he retired in 2004 as the director of prisons for the Western region in Colorado. For the past 15 years, Atherton has served as a Technical Assistance Consultant and Trainer for the National Institute of Corrections. He is on several committees for the American Correctional Association (ACA) and has written for numerous ACA publications. Atherton has appeared in federal court as an expert witness on a variety of correctional issues, including conditions of confinement, use of force, unlawful discrimination and management of high-risk offenders.

**Larry D. Atlas** is the Senior Advisor to the Assistant Secretary of Communications and Information and an Administrator at the National Telecommunications and Information Administration. He advises the assistant secretary on a range of matters, including spectrum issues and Internet governance. Previously, Atlas was executive vice president of Loral Skynet, a global satellite services provider, where he managed the company's acquisition growth strategies and government relations activities. He also was a lawyer in private practice and served in various positions at the Federal Communications Commission (FCC). While at the FCC, he assisted in the implementation of the first spectrum auctions and the Telecommunications Act of 1996.

**Bernard Auchter** is an Acting Division Director at NIJ, where he has worked for the past 35 years, managing research programs on crime prevention, prosecution, adjudication, white collar crime and family violence. Auchter is currently addressing issues concerning violence against women, including domestic violence, sexual assault, teen dating violence, stalking and batterer intervention. He was a child protective services caseworker in Pennsylvania and has worked with the New Jersey Administrative Office of the Courts. Auchter received his bachelor's degree from Villanova University and a master's degree in social policy analysis from Rutgers, The State University of New Jersey.

**Karen JoAnne Bachar** is a Social Science Analyst for NIJ. She regularly reviews, interprets, evaluates and provides feedback on the design of programs, projects and studies for NIJ, the Office of Justice Programs and other federal agencies. Since joining NIJ in 2005, Bachar has directed, managed and collaborated on a number of federal programs and activities related to human trafficking, sexual violence, commercial sexual exploitation and sex offending.

**Bethany Backes** is a Social Science Analyst at NIJ, where she specializes in a variety of victimization issues, with a specific focus on marginalized communities, and determines priority areas for research and program development. Backes also teaches victimology courses at the University of Maryland. Prior to joining NIJ, she coordinated victim services for a statewide nonprofit organization and directed an injury prevention research and service program at Johns Hopkins University. She has been a health educator for a local health department and a therapist for survivors of rape and childhood sexual abuse. She has master's degrees in social work and public health from the University of Michigan and is working toward her doctorate in social work at the University of Maryland, Baltimore.

**Rosanne Bailey** is a Special Projects Coordinator for Unmanned Aircraft Systems (UAS) at the University of Alaska, Fairbanks (UAF). She is a retired U.S. Air Force Brigadier General. In the Air Force, she managed various research and development programs, re-engineered depot maintenance and held four commands. She joined UAF as vice chancellor for administration. Bailey currently works to integrate UAS into the national airspace for new, public users such as first responders and to advance the opportunities for safely and effectively employing UAS through improved training, policy and standards development.

**Jack Ballantyne** is a Professor of Chemistry at the University of Central Florida and the Associate Director for Research at the National Center for Forensic Science in Orlando, Fla. He teaches a variety of forensic biology courses to baccalaureate and master's students in the Forensic Science Program and nucleic acid biochemistry to doctoral students in the Biomedical Sciences Program. His research interests include Y chromosome markers, the assessment and in vitro repair of damaged DNA templates, RNA profiling for body fluid identification, the determination of physical characteristics by molecular genetic analysis, and single cell/low copy number analysis.

**James Arden Barnett Jr.** is the Chief of the Federal Communications Commission (FCC) Public Safety and Homeland Security Bureau. He oversees FCC activities pertaining to public safety, homeland security, emergency management and disaster preparedness and represents the Commission on these matters before federal, state and industry organizations. Barnett served 32 years in the U.S. Navy and Navy Reserve, retiring as a Rear Admiral in 2008. His last active duty assignments were Deputy Commander of the Navy Expeditionary Combat Command and Director of Naval Education and Training in the Pentagon. Before coming to the FCC, Barnett was a senior research fellow at the Potomac Institute for Policy Studies. From 1984 to 2001, Barnett was a senior partner at Mitchell, McNutt and Sams, P.A. in Tupelo, Miss.

**Ron Barrett-Gonzalez** is an Associate Professor of Aerospace Engineering at the University of Kansas, Lawrence, and is considered one of the "old timers" in the unmanned aerial vehicle (UAV)/unmanned aircraft system community. As the principal investigator behind the Department of Defense's first micro aerial vehicle, Barrett-Gonzalez has designed, patented and developed a number of UAVs, including ultra-high performance systems that hover like helicopters then dash like missiles. His latest work is centered on supersonic UAVs, guided bullets and low-cost aerial platforms for military and law enforcement uses. He holds bachelor's, master's and doctoral degrees in aerospace engineering.

**Jodi Lynn Barta** is a Postdoctoral Researcher at Washington State University (WSU) and a physical anthropologist who specializes in the extraction of DNA from ancient and forensic biological materials. Her current postdoctoral research at WSU is funded by NIJ and focuses on the improvement of methodologies for the extraction of degraded DNA from skeletal remains. She is an experienced forensic consultant and a former instructor in the Forensic Sciences Program at the University of Toronto, Mississauga. Her research includes ancient DNA analyses of dogs as proxies of human migration and interaction patterns in the Americas prior to European contact. Barta holds a doctorate.

**John R. Battista** is the Mary Lou Applewhite Professor of Biological Sciences at Louisiana State University (LSU) and A&M College in Baton Rouge. He joined the LSU faculty in 1990, having completed a postdoctoral fellowship at the Massachusetts Institute of Technology. He is the microbiology editor for *Encyclopedia of Life*. His research focuses on identifying the mechanisms of extreme resistance to ionizing radiation in bacterial model systems and has led to the identification of proteins with potential practical applications in criminal forensics and genomic science. He earned his doctorate in chemistry from Wayne State University in Detroit.

**Eric P. Baumer** is the Allen E. Liska Professor of Criminology at Florida State University. His research examines temporal and spatial dimensions of crime and justice, specifically how structural and cultural features of communities affect crime, social control and other aspects of human behavior. He has examined these issues empirically in multilevel studies of

community characteristics on individual attitudes and behaviors, macro-level studies of spatial and temporal patterns in crime and social control, and case studies of crime and justice in Iceland, Malta and Ireland. Baumer has recently published work in *Criminology*, *American Sociological Review* and the *American Journal of Sociology*.

**Connie Beck** is an Associate Professor of the Psychology, Policy and Law Program in the Department of Psychology at the University of Arizona. Her research focuses on how the legal system can be adjusted to minimize psychological distress for those who use it. A licensed clinical psychologist in Arizona, Beck is currently investigating short- and long-term outcomes for divorcing couples experiencing intimate partner violence and mediating their disputes. She also is conducting research concerning the effectiveness of a parenting coordinator program. Beck teaches graduate and undergraduate courses in ethics and in the psychology, policy and law of divorce. She earned her doctorate from the University of Arizona.

**Brandon Behlendorf** is a Fellow at the University of Maryland and an Associate of the National Consortium for the Study of Terrorism and Responses to Terrorism, where he applies quantitative modeling to terrorist targeting strategies, neighborhood patterns of crime and victimization within developing countries. Previously, Behlendorf was a researcher with the Ohio Department of Public Safety, where he coordinated a multiagency evaluation of a commercial vehicle diversion program. He also helped to develop risk management programs and assessments for the Ohio State Highway Patrol. Behlendorf received his bachelor's degree from the University of California, San Diego, and a master's degree from The Ohio State University.

**Phil Belgrader** is the Vice President of Research and Development at Akonni Biosystems. Previously, Belgrader was the chief of the Advanced Technologies Development Branch of the Armed Forces DNA Identification Laboratory, the principal investigator at Lawrence Livermore National Laboratory, a senior scientist at Cepheid, the founder and chief scientific officer of Microfluidic Systems, and the chief scientist in the Chem Bio Detection Division at Northrop Grumman. Belgrader has written more than 40 publications; he also has 10 issued patents and several patents pending. He received his doctorate in cell and molecular biology from the University at Buffalo, The State University of New York, and was a neuromuscular disease research fellow at Roswell Park Cancer Institute.

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**Katharine Browning** is a Senior Social Science Analyst in the Office of Research and Evaluation at NIJ. She currently manages a portfolio of research projects and demonstration programs on social science issues related to forensic science. Before joining NIJ, she was a visiting professor in the Department of Sociology, Anthropology and Criminal Justice at the University of North Florida. She also has experience conducting research in a variety of criminal justice topics and spent four years in the research division at the Office of Juvenile Justice and Delinquency Prevention. She received a bachelor's in psychology from Clemson University, a master's in administration of justice and risk from Virginia Commonwealth University, and a doctorate in criminology and criminal justice from the University of Maryland, College Park.

**Christopher Bruce** is a Crime Analyst for the Danvers (Mass.) Police Department and president of the International Association of Crime Analysts. He has been an analyst since 1994. He teaches at Suffolk University, Tiffin University, the University of Massachusetts at Lowell and Middlesex Community College. Bruce provides training and consulting to agencies and analysts around the world.

**Bruce Budowle** is the Executive Director of the Institute of Investigative Genetics and a Professor in the Department of Forensic and Investigative Genetics at the University of North Texas Health Science Center, where he focuses on human forensic identification, microbial forensics and emerging infectious disease. Budowle also served as a research chemist, program manager for DNA research, chief of the Forensic Science Research Unit, and senior scientist for the Laboratory Division of the FBI. He has published more than 460 articles, made more than 500 presentations and testified in more than 200 criminal cases. He earned his doctorate in genetics from Virginia Polytechnic Institute and State University and was a postdoctoral fellow at the University of Alabama, Birmingham.

**Eric Buel** is the Director of the Vermont Forensic Laboratory. He is currently serving on the Department of Defense DNA advisory board and the editorial review board for the *Journal of Forensic Sciences*. He has been a member of the Technical Working Group (TWG) for DNA Analysis Methods and the TWG for Crime Scene Investigation. He is a past board member for the American Society of Crime Laboratory Directors. Buel received his doctorate in chemistry from the University of Missouri, Kansas City.

**Tom Busey** is a Professor of Cognitive Science at Indiana University in Bloomington. He has addressed the psychological aspects of latent print identification for the past five years with support from NIJ. Much of his current work uses eye tracking methodologies to determine the features that experts use when individualizing or excluding latent prints. Busey received his doctorate from the University of Washington.

**Marc Buslik** is a Captain and 30-year veteran of the Chicago Police Department (CPD). In addition to the Bureau of Patrol, he has worked in the information services, narcotics, organized crime, intelligence, internal affairs, and research and development units for CPD. Buslik was also a deputy chief in the Chicago Housing Authority Police Department. He is completing his doctorate in criminology at the University of Illinois at Chicago and holds a Master of Public Administration degree. His research examines the accountability and legitimacy of police organizations and geographic analysis of police data.

**John M. Butler** is a Fellow and Group Leader of Applied Genetics at the National Institute of Standards and Technology. He is the author of the internationally acclaimed textbook, *Forensic DNA Typing*, and has written more than 100 scientific articles and book chapters. His doctoral research, which was conducted in the FBI Laboratory, pioneered the techniques that are used worldwide in modern forensic DNA testing. He regularly presents training workshops to scientists, students and lawyers. Butler designed and maintains STRBase (<http://www.cstl.nist.gov/biotech/strbase>), an information resource for short tandem repeat DNA markers.

**Katherine Butler** is a doctoral student conducting research in the forensic molecular biology laboratory of Dr. Daniele Podini in the Department of Forensic Sciences at The George Washington University (GWU). Previously, Butler worked for the Virginia Department of Forensic Science as a casework DNA analyst and Bode Technology as a technical leader of STR casework and data banking. Butler was also an adjunct professor at GWU, George Mason University and Virginia Commonwealth University (VCU). She has performed technical audits for the National Forensic Science Technology Center and the American Society of Crime Laboratory Directors/Laboratory Accreditation Board-International. Butler received a Bachelor of Science in biology from Virginia Polytechnic Institute and State University and a Master of Science in criminal justice and forensic science from VCU.

**Tim Bynum** is the Director of the National Archive of Criminal Justice, a division of the Inter-university Consortium on Political and Social Research at the University of Michigan. He also is a Professor in the School of Criminal Justice at Michigan State University, where he co-directs an initiative to provide training, technical assistance and research in support of Project Safe Neighborhoods. He is currently the co-principal investigator on several NIJ projects, including the evaluation of the DOJ Comprehensive Anti-Gang Initiative and a project that involves understanding the impact of sex offender residency restrictions. A former visiting fellow with the Office of Community Oriented Policing Services, Bynum received his doctorate in criminology from Florida State University.

**Rebecca Campbell** is a Professor of Community Psychology and Program Evaluation at Michigan State University. Her research examines violence against women, specifically sexual assault and how the legal, medical and mental health systems respond to the needs of rape survivors. She is currently conducting collaborative research with Sexual Assault Nurse Examiner programs. Campbell is the author of *Emotionally Involved: The Impact of Researching Rape*, which won the 2002 Distinguished Publication Award from the Association for Women in Psychology. She received the 2002 Emerging Leader Award from the American Psychological Association and the 2006 Scientific Achievement Award from the International Association of Forensic Nurses.

**Paul Cappitelli** is the Executive Director of the California Commission on Peace Officer Standards and Training. Prior to his appointment, he served the San Bernardino County Sheriff's Department for 29 years, retiring as a captain. In 2007, Cappitelli was appointed by California Governor Arnold Schwarzenegger to serve on the 12-member Public Employee Post-Employment Benefits Commission. Paul has been an active member of the California Peace Officers' Association, including serving as president. He is currently a member of a number of other professional network groups and associations, holds various certifications, and has won several awards. Cappitelli holds an associate's degree in the administration of justice, a bachelor's degree in business and management, and a Master of Public Administration degree.

**Theresa Caragine** is a Deputy Director in the Department of Forensic Biology at the Office of Chief Medical Examiner of the City of New York. During her tenure, Caragine directed the optimization and validation of protocols for low-template DNA testing. She currently manages teams that perform both low- and high-template DNA testing as well as forensic DNA research. Caragine received a Bachelor of Science in biology from Georgetown University and a doctorate in molecular oncology and immunology from the Sackler Institute of Graduate Biomedical Sciences at the New York University School of Medicine.

**Karen D. Carroll** is the Associate Director of the Bronx Sexual Assault Response Team (SART) and has been a licensed registered nurse in New York for more than 30 years. Carroll received her training to become a sexual assault nurse examiner (SANE) in 1997, her SANE-A certification in 2003 and her New York sexual assault forensic examiner certification in 2005. Carroll has made numerous presentations throughout the state, country and in Africa on the topics of sexual assault, forensic examiner programs, and her personal experience as a survivor of marital rape. She has also been qualified to testify as an expert in court in the state of New York.

**Christian B. Carson** is the Associate Laboratory Director at Paternity Testing Corp. (PTC) in Columbia, Mo., where he has worked since 2003. At PTC, he oversees procedures, quality control and results for DNA relationship testing. He is principle investigator of QuantAssure (identifies semen and quantifies sperm cells) and a novel nuclease-based differential for sexual assault evidence. Both projects are funded by NIJ grants. He contributed to maize genetics and genome mapping at the University of Missouri and taught genetics at Lincoln University, Mo. He has testified in court as an expert witness for DNA testing. Carson received his doctorate in horticulture, specializing in genetics, from the University of Florida.

**Tania Chakrabarty** is a Senior Scientist at Arrayx Inc. She is also a principal investigator for NIJ-funded projects. As a biophysicist, Chakrabarty develops and applies physical techniques to solve previously intractable biological problems. She earned her doctorate in biophysics from the University of Illinois at Urbana-Champaign while working in the laboratory of Paul R. Selvin. She earned the prestigious Robert Emerson-Eugene Rabinovitch Biophysics Fellowship and the Proctor and Gamble doctoral thesis award. After completing her doctoral work, she conducted postdoctoral research at the University of Chicago as a National Institutes of Health National Research Service Award fellow. She received her bachelor's and master's degrees in physics from the Indian Institute of Technology in Kharagpur, India.

**Brett Chapman** is a Social Science Analyst in the Office of Research and Evaluation at NIJ. As a member of the Crime Control and Prevention Research Division, he is responsible for the assessment, development and evaluation of a number of issues, including police use of force and less-lethal technologies; eyewitness identification field tests; police safety, fatigue and performance; cold case units; multijurisdictional task forces; the Harvard Executive Sessions on Policing and Public Safety; and the International Association of Chiefs of Police National Law Enforcement Research Agenda project. Chapman received a doctorate in criminology and criminal justice, a master's degree in criminology, and a bachelor's degree in criminal justice from the University of Maryland.

**Susan Chasson** is the Sexual Assault Nurse Examiner Coordinator for the Utah Coalition Against Sexual Assault. She is a Family Nurse Practitioner at the Merrill Gappmayer Family Medicine Clinic in Provo and is a part-time faculty member in the College of Nursing at Brigham Young University. Chasson was president of the International Association of Forensic Nurses and has helped hospitals and communities create programs to provide health care to victims of violence in Utah for more than 15 years. Chasson holds both a master's degree and a juris doctorate and is certified as an adult and adolescent sexual assault nurse examiner.

**Janet Chiancone** is a Research Coordinator with the Office of Juvenile Justice and Delinquency Prevention. In addition to overseeing the agency's performance measures program, she coordinates and integrates juvenile justice research, evaluation and statistics initiatives. Previously, Chiancone was a research associate with the American Bar Association Center on Children and the Law, where she focused on parental kidnapping and child dependency court improvement. Chiancone also has managed a Department of Education-funded research project that examined the impact of Head Start programs on homeless children and their families and coordinated a local Court Appointed Special Advocates program. Chiancone received her master's degree in family and community development from the University of Maryland.

**Thomas N. Chiesl** is a Scientist in Professor Richard Mathies' Lab in the Chemistry Department at the University of California, Berkeley. He is an expert in bioanalytical techniques, polymer chemistry and astrobiology. His research focuses on the development of polymeric materials and microfluidic devices for the optimization of automated electrophoretic analysis techniques and systems applied toward amino acids, aldehydes, ketones, polycyclic aromatic hydrocarbons, proteins and DNA (sequencing and forensics analysis). He is also an expert in DNA separation mechanisms as imaged by single-molecule video microscopy methods. He earned his doctorate and bachelor's degree in chemical engineering from Northwestern University and Purdue University, respectively.

**Marshall Clement** is a Project Director for the Council of State Governments Justice Center. Clement directs the justice reinvestment project, which assists policymakers seeking to increase public safety, reduce corrections spending and improve conditions in the neighborhoods to which most people released from prison return. As part of this assistance, Clement coordinates the work of a team of national experts to analyze corrections data and policy and develop options for state policymakers. He regularly facilitates meetings among judicial and state agency officials and testifies before legislative committees across the U.S. His findings have been used to inform policy initiatives in states that have enjoyed overwhelming bipartisan support.

**Deshonna Collier-Goubil** is a doctoral candidate in the Department of Sociology and Anthropology at Howard University and a former research assistant at NIJ. Her research areas are urban sociology, criminology, and race, class and gender studies. Collier-Goubil is conducting her dissertation research on the effects of neighborhood characteristics and home foreclosures on domestic violence using spatial analysis. She is a member of the Golden Key International Honor Society and the Edward Alexander Bouchet Graduate Honor Society. Collier-Goubil holds a master's degree in theology from Fuller Graduate Schools in California, where she studied black theologies and the urban church.



**Gary Cordner** is a Professor at Kutztown University of Pennsylvania and a commissioner with the Commission on Accreditation for Law Enforcement Agencies. He is also a co-principal investigator on the National Police Research Platform. He spent 21 years at Eastern Kentucky University, including five as dean of the College of Justice and Safety. In Maryland, Cordner was a police officer in Ocean City and police chief in St. Michaels. He is a past editor of the *American Journal of Police* and *Police Quarterly* and past president of the Academy of Criminal Justice Sciences. He completed his doctorate at Michigan State University.

**Karma Cottman** is the Vice President of Policy and Emerging Issues for the National Network to End Domestic Violence (NNEDV). Cottman has worked in the domestic violence field since 1994 and currently supervises the state coalition and transitional housing technical assistance projects in addition to the agency's public policy initiatives. She works with numerous national partners to address emerging issues in domestic violence service provisions and sits on several national committees. Cottman also ensures that federal legislation is responsive to the needs of all domestic violence survivors. Prior to joining NNEDV, she served as the co-director of the Florida Coalition Against Domestic Violence Rural Diversity Initiative.

**Cecelia Crouse** is the Chief Scientific Officer of the Palm Beach County Sheriff's Office Crime Laboratory and Manager of the Forensic Biology Unit. She has worked in the Sheriff's Office for more than 18 years. Crouse is either a past or present member of the following groups: Attorney General Janet Reno's Laboratory Funding Group for the National Commission for the Future of DNA Evidence, Attorney General John Ashcroft's Working Group for the Attorney General's Initiative on DNA Laboratory Analysis Backlog, the Scientific Working Group on DNA Analysis methods, the NIJ DNA Technical Working Group, the *Journal of Forensic Science* editorial board and other advisory boards. Crouse received her doctorate from the University of Miami and her bachelor's degree from Michigan State University.

**Mari Curbelo** is the Director of Court Programs for the New York City Criminal Justice Agency (CJA). She was an attorney with the Legal Aid Society's Juvenile Rights Division and the Legal Services Corp. Her alternative to incarceration (ATI) program experiences include a community service sentencing program in Manhattan by the Vera Institute of Justice and the design and implementation of a court screening unit for the Osborne Association's drug treatment program. At CJA, she implemented a centralized court screening service for ATI programs, developed an automated court date notification system for juveniles, and created a supervised release program. She is a graduate of Amherst College and New York University School of Law.

**Phillip B. Danielson** is a Professor of Molecular Biology at the University of Denver where he teaches, directs a forensic research and development program, and serves as a DNA consultant. His research focuses on the resolution of mitochondrial DNA mixtures and the use of comparative proteomics to identify high-specificity biomarkers for biological stains. He has collaborated with forensic practitioners and law enforcement professionals around the world. He has also developed training programs on the collection, preservation and use of DNA evidence in criminal investigations for crime scene investigators and legal professionals. His work has been featured in professional journals and the popular press.

**Robert Davis** is a Senior Research Analyst for RAND Corp. Davis has directed projects with some of the nation's leading law enforcement agencies. While at the Vera Institute of Justice, he led a project for the New York Police Department, surveying more than 5,000 citizens each month to develop measures of citizen satisfaction with police interactions. He worked with the Pittsburgh Bureau of Police to evaluate the city's response to a federal consent decree. He worked with the Seattle Police Department to assess whether police were providing service without respect to race or ethnicity. Most recently, Davis worked with the Dallas Police Department to conceive and implement a \$10 million leadership training and research institute in partnership with two local universities.

**Ronald Davis** is the Chief of Police for the City of East Palo Alto, Calif., where he has led an organizational reform and community policing effort. He also restructured the department and implemented the CompStat process to enhance geographic and managerial accountability. Davis currently serves as a police reform expert for the DOJ's Civil Rights Division. Davis also spent 19 years with the Oakland Police Department, where he rose to the rank of captain. He wrote the article "Bias-Based Policing" and was a co-author of the DOJ publication, *How to Correctly Collect and Analyze Racial Profiling Data: Your Reputation Depends on It*. Davis is a member of the Harvard University Executive Sessions on Policing.

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**Kimberly DuMont** is a Research Scientist at New York State's Office of Children and Family Services. She is currently working on a randomized controlled trial to determine the effectiveness of an intensive home visiting program. She is also interested in identifying family, community and system factors that may help to prevent child maltreatment and cognitive, behavioral and emotional problems during childhood and adolescence. DuMont received her doctorate in community psychology from New York University, with specializations in child development and quantitative psychology.

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**Suni M. Edson** is the Assistant Technical Leader of the Mitochondrial DNA Section of the Armed Forces DNA Identification Laboratory (AFDIL). She worked her way up to this position in 2009 after starting at AFDIL as a technician in the Mitochondrial DNA Section in 1999. Edson regularly presents and publishes on the difficulties of working with the DNA of degraded human skeletal remains.

**Stephanie Elder** is a Chemical Engineer at the U.S. Army Natick Soldier Research, Development and Engineering Center in Massachusetts. She oversees law enforcement-related personal protective equipment projects, including chemical and biological protection, duty uniforms, integrated head protection, environmental conditioning, and systems integration. The focus of these projects includes identifying law enforcement response mission roles, defining mission-based performance specifications, assessing standards and test methods, analyzing current protective technologies, and conducting gaps analyses. Previously, Elder was a project engineer for the Special Operations Forces, and she supported multiple Army protective equipment projects. Elder has a bachelor's degree in chemical engineering and a Master of Business Administration from Worcester Polytechnic Institute.

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**Michael J. Farrell** is the Deputy Commissioner for Strategic Initiatives with the New York City Police Department. He served as the director of Special Projects from 1985 to 1990 and was promoted to assistant commissioner, Office of the First Deputy Commissioner. He later served as a deputy commissioner, then as the deputy director of Criminal Justice for New York state. Farrell previously served on the Director's staff at NIJ. He completed Harvard University's Program for Senior Executives in State and Local Government and was a member of Harvard's Executive Session on Public Sector Performance Management. Farrell holds a bachelor's and a master's degree in public administration from New York University.

**Jamie Fellner** specializes in criminal justice issues in the U.S., including prison conditions, incarceration of the mentally ill, sentencing, the death penalty and drug law enforcement. From 2001 to 2007, she was the first director of the Human Rights Watch's U.S. program, supervising research and advocacy on U.S. counterterrorism policies, immigration and the criminal justice system. For the Human Rights Watch, she also served as associate counsel and as a researcher and advocate for the Americas Division. Fellner earned a law degree from the University of California, Berkeley, and completed doctoral studies in Latin American history at Stanford University.

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**David Finkelhor** is the Director of Crimes against Children Research Center, Co-Director of the Family Research Laboratory and Professor of Sociology at the University of New Hampshire (UNH). He has been studying the problems of child victimization, child maltreatment and family violence since 1977. He is known for his conceptual and empirical work on the problem of child sexual abuse. He has also written about child homicide, missing and abducted children, children exposed to domestic and peer violence, and other forms of family violence. He is editor and author of 12 books and more than 150 journal articles and book chapters. Finkelhor earned his doctorate from UNH.

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**Bennett Fletcher** is a Senior Research Psychologist in the Services Research Branch of the Division of Epidemiology, Services and Prevention Research at the National Institute on Drug Abuse. His research currently focuses on improving the quality of treatment services for individuals with drug problems who are involved with the criminal justice system. He is a collaborating scientist on the National Criminal Justice Drug Abuse Treatment Studies, a cooperative research program to study how to improve the implementation and sustainment of research-based interventions across a continuum of care, spanning correctional settings and the community. Fletcher holds a doctorate.

**William A. Ford** is the Director of the Information and Sensor Technology Division at NIJ. His duties include overseeing the budget and contracts and representing NIJ as the point of contact for division-related grantee principal investigators. Ford continues to contribute his business and technical skills related to command, control, communications, computers, intelligence, surveillance and reconnaissance.

**Jennifer Fratello** has designed and conducted research projects on juvenile justice, most notably, a New York City juvenile detention reform project for which she developed an empirically based detention risk assessment instrument to measure the risk of reoffending and failure to appear preadjudication. She also implemented the instrument and community-based alternative programs, as well as conducted an evaluation of the programs and a larger reform project. She created a juvenile justice research database that integrates data from multiple agencies and creates case-level files for analysis related to detention reform. Additionally, she evaluated the status offender diversion programs for the MacArthur Foundation's Models for Change initiative.

**Rick Fuentes** is a Colonel with the New Jersey State Police (NJSP). Prior to becoming the 14th superintendent of the NJSP in 2003, Fuentes served as a general road duty trooper; academy instructor; supervisor with the Narcotics Unit, Street Gang Unit and the Joint Terrorism Task Force; and chief of the Intelligence Bureau. In addition to other honors, Fuentes was as co-recipient of the NJSP Trooper of the Year Award in 1993. He has been a member of various organizations, including Harvard University's Executive Session on Policing and Public Safety. In 2008, Colonel Fuentes became the chair of the International Association of Chiefs of Police Homeland Security Committee. Fuentes earned his doctorate in criminal justice from The City University of New York.

**Edward Gallagher** is a Deputy Criminal Chief in the Criminal Division for the U.S. Attorney's Office, Southern District of Texas. He oversees the Major Offenders Division, which includes prosecutors assigned to the immigration crimes, organized crime strike force, anti-gang, gun violence, child exploitation and general crimes units. Gallagher coordinates the Human Trafficking Rescue Alliance, international affairs and crisis management programs. He has also been tracking key issues in state anti-trafficking laws and their effect on investigations and prosecutions at the federal level.

**Marie Garcia** is a Social Science Analyst in the Justice Systems Research Division at NIJ. Her research portfolio includes criminal justice technology evaluations and re-entry and corrections issues. Her work has appeared in *Criminology*, *Criminology & Public Policy*, *Justice Quarterly*, and the *Journal of Research in Crime and Delinquency*. Garcia received her doctorate in criminal justice from Temple University and master's and bachelor's degrees in criminology from California State University, Fresno.

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**Dean M. Gialamas** is the Director of the Los Angeles County Sheriff's Crime Lab, a full-service laboratory accredited by the American Society of Crime Laboratory Directors (ASCLD) Laboratory Accreditation Board. The laboratory serves more than 6 million residents and provides services to more than 100 local, state and federal agencies operating within Los Angeles County. As an active member of several professional organizations, Gialamas is immediate past-president of ASCLD, is a member of the Consortium of Forensic Science Organizations, and has been appointed to numerous state and federal task forces and work groups. He earned bachelor's degrees in chemistry and biology and a master's degree in criminalistics; he is a graduate of the West Point Leadership Academy.

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**Thomas A. Hall** received his doctorate in molecular biology from North Carolina State University. During graduate school he independently developed molecular sequence alignment software that is still in use by many laboratories worldwide. At Ibis Biosciences — and with support from NIJ and the FBI and collaborations with the FBI, Armed Forces DNA Identification Laboratory, National Institute of Standards and Technology, and the University of North Texas Health Science Center — Hall has contributed to the development of mass spectrometry-based forensics applications, leading to the placement of mitochondrial DNA profiling systems at the FBI DNA Unit II. His current interests include the continued development of forensics assays and analysis software and molecular tests for fungi, bacteria, viruses and parasites.

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**Angela Hawken** is an Assistant Professor of Economics and Policy Analysis at the School of Public Policy at Pepperdine University. Her research interests are primarily in illicit drugs, crime and corruption. She conducted the statewide cost-benefit analysis of California's Proposition 36, and she is the principal investigator of the randomized controlled trial of Hawaii's swift-and-certain-sanctions model (Hawaii's Opportunity Probation with Enforcement, or HOPE), with funding from the Smith Richardson foundation and NIJ. Her ongoing international research includes a study of methadone delivery in the country of Georgia and another study of corruption and gender issues in Afghanistan and the Asia-Pacific region for the United Nations.

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**Sonia Jain** is a Senior Researcher at WestEd Health and Human Development, where she is the principal investigator for an NIJ study examining longitudinal and multilevel protective factors for resilience among youth exposed to violence. Jain also is directing a national school climate study and managing a statewide research project linking health and education. She is assisting with the validation of an injury scale for sexual assault victims and an evaluation of juvenile reform in Alameda County, Calif. Jain received her doctorate from Harvard University in 2007.



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**Susan Jones** is a Warden at the Colorado State Penitentiary and the Centennial Correctional Facility. She began her career in 1981 as a community corrections counselor and in 1985, became a correctional officer at the Fremont Correctional Facility, where she eventually became a warden. During her career, Jones has worked in training, programs, security, administration and case management at all custody levels. Jones earned her bachelor's degree in behavioral science at the University of Southern Colorado and her master's in criminal justice administration at the University of Colorado.

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**Aaron D. Kennard** is the Executive Director of the National Sheriffs' Association (NSA). Prior to his appointment in 2007, he was the sheriff of Salt Lake County, Utah, where he was first elected in 1990, after serving 20 years with the Salt Lake City Police Department. In 1999, he was chosen as Utah's Sheriff of the Year. Kennard also served as president of the NSA. He holds a Master of Public Administration degree from Brigham Young University.

**Kenneth K. Kidd** is a Professor of Genetics, Psychiatry, and Ecology and Evolutionary Biology at Yale University. Kidd is primarily a human population geneticist but has many other research interests. He has published nearly 500 scientific papers on a variety of subjects. He also runs the ALlele FREquency Database (ALFRED). His expertise in both population and molecular genetics provided helpful testimony for DNA acceptance in court. After serving on the DNA identification advisory groups for the World Trade Center attacks and Hurricane Katrina, he began forensic research in his lab on panels of SNP markers for use in forensics.

**Kelli Klebe** is an Associate Professor and Chair of the Psychology Department at the University of Colorado, Colorado Springs. She is a quantitative psychologist by training and her research interests are in program evaluation and statistical applications to study change over time. She has more than 20 years of experience in statistical analysis, measurement development and program evaluation. Klebe has received more than \$3 million in grants and contract projects to evaluate programs, including funded projects from NIJ. She has collaborated with the Colorado Department of Corrections since 1990. Klebe earned her doctorate from the University of Minnesota.

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**Jim Markey** is a Sergeant and 28-year veteran of the Phoenix Police Department. In 1998, he was assigned to the Adult Sex Crime Unit in the City of Phoenix Family Advocacy Center. During this time, he responded to and supervised more than 6,000 sexual assault investigations, which included more than 60 serial rapists. In 2000, he worked to develop and implement the Phoenix Police Department Cold Case Sex Assault Team, which in 2002 received the Arizona Attorney General's Innovation in Law Enforcement Award.

**André Marshall** is an Associate Professor in the Department of Fire Protection Engineering at the University of Maryland. His research focuses on characterizing turbulent flow transport in fires and flames using advanced diagnostics, physical scale models and multiphase computational fluid dynamics models. His current interests include unconfined and bounded fire plumes and fire suppression sprays. In 2007, Marshall received the prestigious Presidential Early Career Award for Scientists and Engineers for his research on characterizing sprays used in fire suppression and combustion systems. Marshall received his doctorate in mechanical engineering, specializing in thermal fluids.

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**Christopher Maxwell** is the Associate Dean for Research for the College of Social Science and Associate Professor in the School of Criminal Justice at Michigan State University, and Associate Research Scientist in the Inter-University Consortium for Political and Social Research at the University of Michigan. Between 2004 and 2009, he served as the director of DOJ's National Archive of Criminal Justice Data. He has published his research in several journals, including *Criminology*, *Criminology and Public Police*, *Justice Quarterly*, and the *Journal of Quantitative Criminology*. Maxwell earned a doctorate and master's degree in criminal justice from Rutgers, The State University of New Jersey, and bachelor's degrees in sociology and criminal justice and in psychology from Indiana University, Bloomington.

**Gary D. Maynard** is the Secretary of Maryland's Department of Public Safety and Correctional Services. Maynard has more than 39 years of experience and previously served as the director of the correctional systems of Iowa, South Carolina and Oklahoma. He also served as the assistant commissioner of the Arkansas Department of Corrections, a psychologist for the Federal Bureau of Prisons, and the adjutant general of the Oklahoma Army and Air National Guard and the Oklahoma Cabinet Secretary for Veterans' Affairs. Maynard retired from the military in 1995 as a brigadier general.

**Bruce R. McCord** is a Professor of Analytical and Forensic Chemistry at Florida International University. Previously, McCord directed the forensic chemistry program at Ohio University. He also served for nine years as a researcher for the FBI's Forensic Science Research and Training Center. His research interests involve the development of liquid-based separation methods in chromatography and their forensic applications. He is a member of the editorial boards of *Electrophoresis* and the *Journal of Forensic Sciences* and is the 2008 winner of the Paul Kirk Award of the Criminalistic Section of the American Academy of Forensic Sciences. McCord received his doctorate in analytical chemistry from the University of Wisconsin, Madison, and a bachelor's in chemistry (with honors) from the College of William and Mary in Williamsburg, Va.

**Tom McEwen** is the Director of Research of the Institute for Law and Justice Inc. in Alexandria, Va. He has conducted numerous research and evaluation projects for NIJ. Most recently, he evaluated the Phoenix Police Department's Homicide Clearance Project by analyzing data on forensic evidence collected at more than 400 homicides in the city. Currently, he is completing a study on the collection and use of forensic evidence with violent crimes (homicides, sexual assaults, aggravated assaults, robberies and burglaries) in San Diego and Denver. McEwen earned his doctorate in mathematics.

**Ed McGarrell** is a Director and Professor of the School of Criminal Justice at Michigan State University. He has been the principal investigator of an NIJ-sponsored initiative in which the School of Criminal Justice has served as the national research team for Project Safe Neighborhoods, a DOJ program intended to reduce firearms violence in the United States. Recent grants from NIJ and the Bureau of Justice Assistance have broadened this research to include initiatives to abate violence in gangs and drug markets. McGarrell's articles have appeared recently in *Justice Quarterly*, the *Journal of Experimental Criminology*, and the *Journal of Contemporary Criminal Justice and Policing*.

**Danielle McLeod-Henning** is a Program Manager in the Office of Investigative and Forensic Sciences at NIJ. She manages the General Forensics (non-DNA) Research and Development Program. McLeod-Henning is a current member of the Mid-Atlantic Association of Forensic Scientists. She has held internships with the Death Investigations Division of the Naval Criminal Investigative Service and with the Office of the Chief Medical Examiner, Northern Virginia District. She earned a Master of Forensic Sciences degree from The George Washington University and a Bachelor of Arts degree in anthropology from Pennsylvania State University.

**Bernard K. Melekian** is the Director of the Office of Community Oriented Policing Services (COPS). As Director of COPS, he leads an organization responsible for working closely with the nation's law enforcement agencies to advance community policing. Melekian previously served as the chief of the Pasadena Police Department for more than 13 years and is the recipient of numerous awards. Melekian is a doctoral candidate at the University of Southern California and is a graduate of the FBI National Academy and the California Command College. Melekian earned bachelor's and master's degrees from California State University, Northridge.

**Kenneth E. Melson** is the Deputy Director of the Bureau of Alcohol, Tobacco, Firearms and Explosives. Melson is a co-chair of the Subcommittee on Forensic Science, Committee on Science of the National Science and Technology Council within the Executive Office of the President. He currently represents DOJ as a board member for the American Society of Crime Laboratory Directors Laboratory Accreditation Board and serves on the editorial board of the *Journal of Forensic Sciences*, the Ethics Committee for the American Academy of Forensic Sciences, and the Advisory Council of the National Clearinghouse for Science, Technology and the Law at Stetson University College of Law. Melson has been an adjunct professor at The George Washington University for more than 30 years, teaching law and forensic science.

**Nancy Merritt** is a Senior Policy Advisor at NIJ where she oversees research projects, coordinates outreach, and leads agency policy and planning teams. She has held research positions with the RAND Corp., Virginia and Pennsylvania Sentencing Guidelines commissions, and the Virginia and Ohio departments of Corrections. Merritt has designed and managed a wide variety of criminal justice research studies and aided in the analysis and modification of sentencing policy in several states. Merritt, a former faculty member with California State University, Los Angeles, received her doctorate from Rutgers, The State University of New Jersey, and her master's and bachelor's degrees from Pennsylvania State University.

**Katie Mugg** is the Grants Program Manager for the Automated Regional Justice Information System (ARJIS) in San Diego. ARJIS is an integrated justice enterprise network and system used by more than 82 local, state and federal criminal justice agencies in California. ARJIS develops a wide variety of applications for its 11,000 law enforcement users, including the domestic violence communication system (DVCS). Mugg has been leading the ARJIS DVCS initiative since 2003. Previously, Mugg managed law enforcement technology projects and oversaw the implementation of various social service programs.

**Carrie Mulford** is a Social Science Analyst in the Violence and Victimization Research Division at NIJ. Her portfolio consists of research and evaluation projects on violence and abuse throughout the life span, including child maltreatment, teen dating violence, criminal offending in youth and young adulthood, and elder abuse. Mulford has co-authored more than a dozen scholarly articles, primarily focused on violence prevention and juvenile justice. She received her doctorate in psychology from the University of Virginia and her bachelor's degree from Rice University.

**Edward P. Mulvey** is a Professor of Psychiatry and Director of the Law and Psychiatry Program at the University of Pittsburgh School of Medicine. Mulvey has completed several large-scale studies regarding the link between mental illness and violence, the accuracy of clinical judgment regarding violence and the development of serious adolescent offenders. He has published empirical findings and conceptual articles in psychiatry, psychology and criminology journals and worked with federal agencies and local programs regarding prevention and treatment approaches for violent adolescents and adults. Mulvey received his doctorate in community and clinical psychology from the University of Virginia and his bachelor's degree in psychology from Yale University.

**Mark Nelson** is a Senior Program Manager at NIJ. He manages NIJ-funded awards to DNA crime labs for convicted offender and arrestee testing, capacity building, improving DNA unit efficiency and casework analysis. Nelson was the former program manager for the Grant Progress Assessments and the DNA Audit Program, offered by the National Forensic Science Technology Center (NFSTC) and funded by NIJ. Nelson joined NFSTC after retiring from the North Carolina State Bureau of Investigation, where he was the special agent in charge of the Molecular Genetics Section and the Special Projects Office.

**James R. Neuhard** is the Director of Michigan's State Appellate Defender Office in Detroit, where he manages a highly automated public defender program with a statewide resource center that provides published and Internet support to thousands of members of Michigan's private bar. His office received the 2009 American Bar Association (ABA)/National Legal Aid & Defender Association's (NLADA) Clara Shortridge Foltz Award as the outstanding defender office in the United States. Neuhard is the past president of NLADA and the National Equal Justice Library and has served on several indigent defense advisory committees for the U.S. Department of Justice. In addition, he is the principal author of ABA's *Ten Principles of a Public Defense Delivery System*.

**Minh Nguyen** is a Program Manager in the Office of Investigative and Forensic Sciences at NIJ. She manages the Forensic DNA Research and Development Program and part of the Forensic DNA Backlog Reduction Program. She previously worked at a private forensic DNA laboratory. Prior to her work in DNA forensics, Nguyen contributed to the Human Genome Project sequencing of Chromosome 10. She holds a bachelor's degree in biomedical engineering from Johns Hopkins University.

**Jeffrey Nye** is the DNA Technical Leader with the Michigan State Police (MSP) Forensic Science Division, where he has worked for 15 years. He has also served as a reporting DNA scientist and unit supervisor. He currently oversees the technical operations of the forensic biology unit at the seven MSP casework laboratories and DNA database unit of approximately 65 staff members. He is also assigned as the project manager of the Detroit Police Department sexual assault kit backlog for MSP.

**Michael O'Berry** is the Operations Manager for the National Missing and Unidentified Persons System at the National Forensic Science Technology Center. O'Berry has more than 25 years of experience in visual communications, computer graphics, instructional technology, Web site development and multimedia. He has managed computer-based training development and delivery for more than 12 years. His experience in program management includes budget development, project planning, scheduling, system design and production supervision. He is also a published author on multimedia training for law enforcement. O'Berry holds a bachelor's degree in visual arts from Eckerd College, a post-secondary teaching certificate in training vocational teachers from the University of South Florida and a technology certificate in commercial art technology from Tomlinson Education Center.

**Mike O'Leary** is a Professor in the Department of Mathematics at Towson University with a joint appointment with the Department of Computer and Information Sciences. Additionally, he is the Director of the Center for Applied Information Technology. He is currently researching different mathematical approaches to the geographic profiling problem and has developed and released a new software tool for this purpose.

**Robert O'Leary** is the Director of the NIJ Electronic Crime Technology Center of Excellence, a project established to build the capacity of state and local criminal justice communities to prevent, investigate and prosecute electronic crime. He was responsible for establishing the New Jersey State Police High Technology Crimes Unit and supervised the first New Jersey Statewide Computer Crimes Task Force. He is a member of the International High Technology Crime Investigation Association, the International Association of Computer Investigative Specialists and the International Association of Chiefs of Police. O'Leary is a certified forensic computer examiner and holds a bachelor's degree in business administration from Bloomsburg University of Pennsylvania.

**Eugene A. Paoline III** is an Associate Professor in the Department of Criminal Justice and Legal Studies at the University of Central Florida. His research interests include police culture, police use of force and occupational attitudes of criminal justice practitioners. Paoline is the author of *Rethinking Police Culture* and recently completed an NIJ grant to examine the variation in American less-than-lethal use-of-force policies and the various outcomes associated with the different policies. He holds a doctorate in criminal justice from the University at Albany, The State University of New York.

**Michael Paymar** is a Representative with the Minnesota House of Representatives. Paymar worked with Ellen Pence to create the Domestic Abuse Intervention Project in Duluth. They co-authored *Creating a Process of Change for Men Who Batter*, a widely used program for abusive men. Paymar also wrote *Violent No More: Helping Men End Domestic Abuse*. Paymar is a resource specialist with the Battered Women's Justice Project. He lectures internationally with the Open Society Institute, Advocates for Human Rights and the National Training Project. Paymar completed his seventh term in the Minnesota House of Representatives and chairs the Public Safety Finance Division, overseeing the Department of Corrections, Department of Public Safety, Department of Human Rights, courts and crime victims programs.

**Joseph L. Peterson** is a Professor and Director of the School of Criminal Justice and Criminalistics at California State University, Los Angeles. For the past 35 years, Peterson's research has monitored the evolution of forensic science, documenting its growing potential as well as its shortcomings. Peterson's 2002 and 2005 reports, *Census of Publicly Funded Forensic Crime Laboratories*, for the Bureau of Justice Statistics have documented high caseloads, long backlogs, and severe budgetary and personnel needs. His NIJ-sponsored research has also examined the role and impact of forensic evidence at key decision points in the judicial process such as arrest, charging, and determination of guilt or innocence and sentencing. His current research examines the backlog of sexual assault kits in crime laboratories.

**John T. Picarelli** is a Social Science Analyst in NIJ's International Center. Picarelli's expertise lies in the intersection of international affairs and homeland security, with a particular emphasis on issues related to international organized crime, human trafficking, terrorism and related areas. At NIJ, he promotes international research and locates international programs and policies that benefit U.S. criminal justice agencies. He is a faculty member at American University and The George Washington University. He received his doctorate in international relations from American University, master's degree from the University of Pittsburgh and bachelor's degree from the University of Delaware.

**Bo Pietraszkiewicz** is an NIJ Graduate Research Fellow and doctoral student at the University of Connecticut, where she is studying genetics and genomics. Her doctoral work explores the genetic diversity of bacterial populations in soil for forensic applications. Her work provides new methods for soil analysis and utilizes state-of-the-art DNA technology to answer the question of how soil can best be used in forensic investigations. Pietraszkiewicz received her bachelor's degree in molecular and cell biology from Central Connecticut State University.

**Emily N. Puls** is a member of the Traffic Analysis Team in the Crime Analysis Section of the Baltimore County Police Department (BCoPD) where she works on the Data-Driven Approaches to Crime and Traffic Safety project. Puls researches and analyzes statistical patterns and trends of traffic accidents and violations. Her reports are used by the department to determine the most effective deployment of traffic resources and to evaluate traffic initiatives. Previously, Puls was a statistical analyst with the Crime Analysis Section of the BCoPD. She received her Bachelor of Science in geography from the University of Maryland, Baltimore County.

**Jerry H. Ratcliffe** is a Professor in the Department of Criminal Justice at Temple University. He served as a police officer with Metropolitan Police in London, where he left after 11 years of service due to a severe winter mountaineering accident. He has published more than 40 research articles and four books, including *Intelligence-Led Policing*. Ratcliffe received the Professional Service Award from the International Association of Law Enforcement Intelligence Analysts in 2007. Ratcliffe received his doctorate from the University of Nottingham and his bachelor's with honors in geography and GIS.

**Carmen Reedy** is a doctoral candidate at the University of Virginia in Dr. James Landers' Bioanalytical Microchip Laboratory. Reedy's current research involves the use of microfluidic devices for solid phase extraction of biological samples for forensic genomic and mitochondrial DNA and RNA analysis. Reedy received a bachelor's degree in chemistry from Radford University.

**Claire M. Renzetti** is a Professor of Sociology at the University of Dayton. She is editor of the journal, *Violence Against Women*; co-editor with Jeffrey Edleson of the *Interpersonal Violence* book series; and editor of the *Gender, Crime and Law* book series. She has also authored or edited 16 books as well as numerous book chapters and articles in professional journals. She is currently conducting an ethnography of faith-based organizations involved in anti-trafficking work. Renzetti has held elected and appointed positions on the governing bodies of several national professional organizations, including the Society for the Study of Social Problems, the Eastern Sociological Society and Alpha Kappa Delta, the sociological honors society. Renzetti received her doctorate in sociology from the University of Delaware.

**Ann Rice** is an Associate Attorney General in the New Hampshire Attorney General's Office. She currently serves as the Director of the Division of Public Protection, where she oversees the Criminal Justice, Consumer Protection and Environmental Protection bureaus of the office. She has been with the office for 20 years, serving as a homicide prosecutor and chief of the Criminal Appellate Unit. Rice holds a juris doctorate.

**Greg Ridgeway** is the Director of the Safety and Justice Research Program and the Center on Quality Policing for the RAND Corp. Ridgeway manages RAND's portfolio on policing, crime prevention, courts, corrections, and public and occupational safety. Additionally, he is leading the national evaluation of predictive policing for NIJ. Ridgeway has worked with numerous police departments on recruiting, gun violence, community relations, use of force, racial profiling and other key policing issues. Prior to joining RAND in 2000, Ridgeway worked on data mining at Microsoft Research. Ridgeway received a doctorate in statistics from the University of Washington.

**Cassandra Robinson** is a Principal Engineer with 19 years of experience working in the Savannah River National Laboratory's Robotics and Remote Systems group. Her areas of expertise are remote viewing and inspection and remote handling applications in hazardous, unstructured or inaccessible environments. She has supported NIJ for the past 10 years by providing technical assistance for covert surveillance to local law enforcement, providing on-scene technical support to urban search and rescue (US&R) teams, and conducting the US&R technology needs study. She was a visiting scientist at NIJ and continues to support the standards and testing program. Robinson has a Bachelor of Science degree in electrical engineering and a master's degree in industrial and systems engineering.

**Kenneth D. Robinson** is the President of Correctional Counseling Inc. and the co-developer of Moral Reconciliation Therapy (MRT), listed on the Substance Abuse and Mental Health Services Administration's National Registry of Evidence-based Programs. Robinson conducts frequent training and workshops in MRT throughout the United States, Australia and Scotland.



He is co-author of all MRT treatment materials and other books, including *How to Escape Your Prison*. He is on the faculty of the National Judicial College, the National Drug Court Institute and the National Driving While Intoxicated Treatment Staff Training for the National Highway Traffic Safety Administration. He received his doctorate in educational psychology and counseling and his master's degree in psychology.

**Laurie O. Robinson** is the Assistant Attorney General of the Office of Justice Programs (OJP). Robinson was nominated by President Barack Obama and confirmed by the Senate in 2009. She previously served as Assistant Attorney General from 1993 to February 2000. Since returning to DOJ, Robinson oversaw the implementation of \$2.7 billion in programs under the American Recovery and Reinvestment Act. She also launched a new agencywide Evidence Integration Initiative to help ensure science-based approaches in OJP-funded programs. Additionally, Robinson held a series of "listening sessions" with state and local constituents to learn what OJP can do to better serve the field. Robinson previously held positions with the University of Pennsylvania and the American Bar Association.

**Rhonda K. Roby** is an Associate Professor and Project Coordinator at the University of North Texas Health Science Center. Among her responsibilities, she focuses much of her time on evaluating and recommending improvements in the procedures to increase efficiency for casework for the Center of Human Identification. She has been active in the field of forensic genetics for more than 20 years. She received her Master of Public Health in forensic biochemistry from the University of California, Berkeley, and her doctorate in genetics from Granada University in Spain.

**John Roman** is a Senior Research Associate in the Justice Policy Center at the Urban Institute, where his research focuses on evaluations of innovative crime control policies and justice programs. He is also the Executive Director of the Washington, D.C., Crime Policy Institute. Roman directs several studies funded by NIJ, including two randomized controlled trials of the use of DNA in burglary and motor vehicle theft investigations, an evaluation of post-conviction DNA evidence testing to estimate rates of wrongful conviction, and a study developing a blueprint for the use of forensic evidence by law enforcement. He holds a doctorate from the University of Maryland's School of Public Policy.

**Kristina Rose** is the Acting Director of NIJ, where she oversees the research, development and evaluation activities for DOJ. She is also responsible for leading agencywide special projects and initiatives that cut across both the social and physical sciences. Previously, she was the Senior Advisor to the Director of NIJ, providing expert advice, guidance and assistance on criminal justice policy and management issues. Earlier, she was the Chief of Staff at the Department's Office on Violence Against Women, where she advised the Director on policy and administrative issues. She has a bachelor's degree in sociology from George Mason University and a master's degree in criminal justice from Northeastern University.

**Dennis P. Rosenbaum** is a Professor of Criminology, Law and Justice and Director of the Center for Research in Law and Justice at the University of Illinois, Chicago. His research interests include the measurement of organizational behavior, the life course of police officers, community policing, community-based prevention and interagency partnerships. Rosenbaum is the principal investigator for the National Police Research Platform, a project designed to advance the state of measurement, knowledge and practice in American policing.

**Beth Rosenberg** is the Director of Child Welfare and Juvenile Justice at the Children's Action Alliance, a nonprofit, nonpartisan research, education and advocacy organization dedicated to promoting the well-being of Arizona's children and families. In public and private agency positions, Rosenberg has influenced progressive policies and implemented innovative programs, primarily concentrating on services for children who are abused, neglected and delinquent. Rosenberg has also worked in Arizona's public child welfare system, at the Arizona State Legislature, and in direct services with dependent and delinquent children. She earned her master's degree in social work from the University of Pennsylvania.

**Shelli B. Rossman** is a Senior Fellow in the Justice Policy Center at the Urban Institute and has more than 30 years of research and management experience for federal, state and local governments as well as for private-sector clients in the area of criminal justice, including re-entry, delinquency and victimization; public health, focused on substance abuse, HIV/AIDS and reproductive health; and community safety. Rossman is the principal investigator for the NIJ-funded Multisite Evaluation of Adult Drug Courts that involves a process, impact and cost-benefit evaluation of 23 drug court programs and multiple comparison jurisdictions in eight states. She is co-author of a forthcoming book titled *What's Happening With Drug Courts? A National Portrait of Adult Drug Courts*. She holds a master's degree in sociology from Temple University.

**Diane Rowold** is a Senior Geneticist at SAIC in San Diego, and she has more than 19 years of experience in molecular biology and human genetics. Her area of expertise is human genetic polymorphisms, and she has genotyped various international populations using different marker systems. Sponsored by the Oak Ridge Institute for Science and Education, Rowold was a postdoctoral fellow in the Visiting Scientist Program at the FBI's Counterterrorism and Forensic Science Research Unit, where she was involved in multiple research projects. Rowold has co-authored 12 publications on genetics. Rowold earned her doctorate from Florida International University.

**Tom Roy** is the Executive Director for Arrowhead Regional Corrections. He manages a five-county community corrections agency with two institutions and 80 probation officers. Roy serves a population base of 265,000 citizens and 7,200 offenders. He has been a chief probation officer, coordinating probation and parole services for 132 staff members in five counties. He reviewed and participated in specific probation practices and programs for quality and efficiency. Roy also worked as a unit supervisor, overseeing all probation and parole services for the Carlton office.

**Delilah Rumburg** is the Executive Director of the Pennsylvania Coalition Against Rape (PCAR). She has managed PCAR's tremendous growth and outreach across Pennsylvania and throughout the nation. Rumburg was co-chair of the U.S. Department of Defense Task Force on Sexual Harassment and Violence at Military Service Academies. More recently, she served as deputy co-chair of the Defense Task Force on Sexual Assault in the Military. Rumburg previously served as a member of the National Advisory Council on Violence Against Women. Rumburg received the National Crime Victim Service Award from the Office for Victims of Crime in 2006.

**Keith Sadler** is the Chief of the Lancaster City Bureau of Police in Pennsylvania. He began his career in law enforcement with the Philadelphia Police Department in 1981. While in Philadelphia he worked in patrol, SWAT, narcotics and the detective bureau and held the ranks of sergeant, lieutenant, captain, inspector and chief inspector. As a chief inspector, he was the head of the Patrol, Narcotics, Forensic Science and Detective bureaus.

**Carol A. Schubert** is the Research Program Administrator for the Law and Psychiatry Program at the Western Psychiatric Institute and Clinic at the University of Pittsburgh School of Medicine. For the past 25 years, Schubert has directed several large-scale projects regarding the assessment of violence risk and provision of services to mentally ill, violent individuals and factors related to desistance from crime as serious adolescent offenders make the transition to adulthood. She has also published numerous articles from these projects. Throughout her career she has directed data collection, performed data analysis and publishing, and supervised the integration of large-scale administrative and research databases. Schubert holds a master's degree from the University of Pittsburgh.

**Frances J. Scott** is a Physical Scientist at NIJ, where she manages the sensors and surveillance, controlled substances, and forensic toxicology portfolios. Scott received her doctorate in physical chemistry from The George Washington University and a bachelor's degree in chemistry from the University of California, Davis.

**Ellen Scrivner** is the Deputy Director of NIJ and a nationally recognized expert on a broad range of policing issues. Her career in the public sector spans more than 25 years and includes service as the chief psychologist for two major county police departments, deputy superintendent for the Chicago Police Department and Deputy Director of the Office of Community Oriented Policing Services. She also served as a consultant to the FBI Office of Law Enforcement Coordination and director of the Leadership Academy at the John Jay College of Criminal Justice, The City University of New York. A visiting fellow at NIJ from 1992 to 1994, Scrivner holds a doctorate.

**Carlene Shaifer-Jones** is a Financial Analyst for the Office of the Chief Financial Officer in the Grants Financial Management Division at the Office of Justice Programs. She reviews and approves budgets for discretionary grant applicants, negotiates indirect cost rates and performs divisional-based desk reviews on grant documents. Additionally, she serves on the agency's training team as a presenter at financial management seminars for grantees and program offices.

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**Jennifer Shasky Calvery** is the Senior Counsel to the Deputy Attorney General, Director of the Attorney General's Organized Crime Council, and head of the International Organized Crime Intelligence and Operations Center at DOJ. Shasky Calvery entered the department in 1997 via the Attorney General's Honors Program and has spent most of her career as a prosecutor in the Criminal Division's Organized Crime and Racketeering Section. She graduated from The George Washington University with a degree in international affairs and earned her law degree from the University of Arizona.

**Michael Shively** is a Senior Associate at Abt Associates Inc. He has conducted a wide range of criminal justice program and policy evaluations and research in criminology and victimology. He is currently directing an NIJ-sponsored national assessment of strategies for curbing the demand for commercial sex and developing tools for practitioners and policymakers to facilitate peer networking and information exchange. For the U.S. Department of State, he is assessing the Republic of Korea's national "John School" program. Previously, he directed an impact evaluation of San Francisco's First Offender Prostitution Program, designed to reduce the demand for prostitutes in San Francisco.

**Mark D. Shriver** is an Associate Professor of Anthropology and Genetics at Pennsylvania State University. Shriver heads projects emphasizing the practical applications of population genomic research. His projects primarily focus on admixture mapping, signatures of natural selection and the elucidation of the evolutionary-genetic architecture underlying phenotypic variability in common trait variation. His goal is to apply these methods and understanding of genomic variation to studies of common diseases such as obesity, type 2 diabetes, hypertension and prostate cancer, and to normal variation, in particular, in adaptation to altitude, skin pigmentation and facial features.

**Donald Siegel** is the Research Supervisor of the Molecular Genetics Group in the Department of Forensic Biology at the Office of Chief Medical Examiner in New York City. Siegel received his doctorate in biochemistry from the Albert Einstein College of Medicine and did his postdoctoral work in molecular genetics at Rockefeller University.

**David Alan Sklansky** is the Yosef Osheawich Professor of Law at the University of California, Berkeley, and Faculty Chair of the Berkeley Center for Criminal Justice. Prior to Berkeley, Sklansky taught for a decade at the University of California, Los Angeles, School of Law. Sklansky served as an assistant U.S. attorney in Los Angeles, where he specialized in white-collar fraud prosecutions. He also served as special counsel to the independent review panel appointed to investigate the Los Angeles Police Department's Rampart Division scandal. Sklansky is the author of *Democracy and the Police* and a well-regarded evidence casebook, *Evidence: Cases, Commentary, and Problems*. He has written extensively about criminal procedure and policing. Sklansky is a graduate of Harvard Law School.

**Shellie E. Solomon** is the Chief Executive Officer of Justice & Security Strategies Inc. (JSS), a consulting firm that specializes in issues related to criminal justice, homeland security, youth violence and public policy. In Miami, Solomon leads research and program efforts on targeting gang violence and addressing mortgage fraud. She also leads a coalition of community and faith-based organizations, providing services to children of inmates, in addition to research on collective efficacy. Prior to JSS, Solomon worked for the Census Bureau and DOJ in senior policy and budget roles. Solomon received a Master of Science degree from the University of Rochester.

**Cindy Southworth** is the Vice President of Development and Innovation at the National Network to End Domestic Violence, where she focuses on technology, communications, development and international efforts. In 2002, she founded the Safety Net Project to address technology and violence against women. Safety Net works with the private industry, government agencies and practitioners to improve safety and privacy for victims in the digital age. Southworth has worked to end violence against women for 20 years and spent the past 12 years focusing on how technology can increase victim safety and how to hold stalkers accountable for misusing technology.

**Alan Spanbauer** is the Program Manager for the Paul Coverdell Forensic Science Improvement Grants Program in the Office of Investigative and Forensic Sciences at NIJ. Spanbauer has 20 years of experience in forensic science. Prior to joining NIJ, he was the laboratory improvement manager with the Idaho State Police. He has worked in multiple disciplines as a drug analyst, research toxicologist and generalist in the forensic field. His work has been published in the *Journal of Analytical Toxicology*, and he has presented at local, regional and national symposia. He is currently a member of the Mid-Atlantic Association of Forensic Scientists and the American Academy of Forensic Sciences. Spanbauer received his Master of Business Administration from Johns Hopkins University.

**Sargur Srihari** is a Distinguished Professor in the Department of Computer Science and Engineering at the University at Buffalo, The State University of New York. Srihari is the founding director of the Center of Excellence for Document Analysis and Recognition. His work led to the first automated system for reading handwritten postal addresses in the world. An author of more than 300 papers, three books and seven U.S. patents, he served on the Committee on Identifying the Needs of the Forensic Science Community with the National Academy of Sciences. Srihari is a fellow of the Institute of Electrical and Electronics Engineers and of the International Association for Pattern Recognition. Srihari is a distinguished alumnus of The Ohio State University College of Engineering.

**Ted Staples** is the Manager of the Forensic Biology Section of the Georgia Bureau of Investigation (GBI), where he has worked since 1986. He has also served as DNA technical leader, Combined DNA Index System administrator and assistant manager at GBI. Staples currently serves as chair of the FBI's Scientific Working Group on DNA Analysis Methods and on the National DNA Database Board. He was recently named to a federal DNA task force to evaluate emerging technology. Staples has a Bachelor of Science degree from Georgia College, Master of Science degree from the University of Georgia and a Master of Public Administration degree from Columbus State University.

**Don Stemen** is an Assistant Professor in the Department of Criminal Justice at Loyola University Chicago. His research explores the innovation and diffusion of sentencing and corrections policies in the United States, the macro-level intersection between sentencing policies and imprisonment, and the micro-level impact of sentencing policies on the use of discretion. He is currently the principal investigator on an NIJ-funded project examining the decision-making processes of prosecutors and the impact of legal and extra-legal factors on prosecutorial outcomes. Stemen earned his doctorate in law and society from New York University.

**Patricia Stern** founded Stern Steps, a consulting firm that advises government, private sector and nonprofit organizations on policy and program management in the area of family violence. Stern provides training on addressing family violence for social workers and students; medical providers and nurse home visitors; school, child care and Head Start personnel; government agencies; and religious and community organizations. She focuses on improving the identification and treatment of children exposed to domestic violence and child abuse, as well as on evidence-based interventions for these children. Stern also works with a number of community programs in this area. Stern received dual master's degrees in social work and public health from Columbia University.

**Lori Stiegel** is a Senior Attorney with the American Bar Association Commission on Law and Aging. She has specialized in elder abuse since 1995 and is the principal investigator of an NIJ-funded assessment of five court-focused elder abuse initiatives. She is the author or a co-author of numerous publications, including *Elder Abuse Detection and Intervention: A Collaborative Approach*, *Recommended Guidelines for State Courts Handling Cases Involving Elder Abuse*, and *Elder Abuse in the State Courts: Three Curricula for Judges and Court Staff*. Stiegel was a member of the National Research Council's Study Panel on the risk and prevalence of elder abuse. Stiegel has a juris doctorate.

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**Mark Stolorow** is the Director of the Office of Law Enforcement Standards at the National Institute of Standards and Technology, where he administers five programs dedicated to improving public safety services. Stolorow has significant forensic laboratory and courtroom experience, including leading teams that performed DNA analysis for the 1995 criminal investigation of O.J. Simpson, the 1996 murder case of JonBenet Ramsey and the 1998 case of Theodore Kaczynski. He currently serves as co-chair of the National Science and Technology Council Subcommittee on Forensic Science. Stolorow received his Bachelor of Science from the University of Michigan, a Master of Science from the University of Pittsburgh and a Master of Business Administration from Eastern Michigan University.

**Christopher Stone** is the Guggenheim Professor of the Practice of Criminal Justice and Faculty Chair of the Program in Criminal Justice Policy and Management at Harvard University's Kennedy School of Government. From 1994 to 2004, he served as director of the Vera Institute of Justice, having joined the institute in 1986 as head of its London office. In 2006,

he was awarded an honorary Order of the British Empire for his contributions to criminal justice reform in the United Kingdom. Stone received his bachelor's degree from Harvard, a master's degree in criminology from the University of Cambridge and his juris doctorate from Yale Law School.

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**Kalpathi Subramanian** is an Associate Professor at the University of North Carolina, Charlotte. From 1991 to 1993 he was a member of the technical staff at AT&T Bell Laboratories. Subramanian's research includes computer graphics, scientific and engineering visualizations, mobile visualization applications, medical image processing, analysis and visualization, and spatial data structures and visual analysis. He received his doctorate and master's degrees from the University of Texas, Austin, and his bachelor's degree from the University of Madras, India.

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**Rick C. Tanksley** is the Chief of the Oak Park Police Department in Illinois. Tanksley is a 25-year veteran of the department and was appointed Chief in 2001. Tanksley is a graduate of the Northwestern School of Staff and Command, the FBI National Academy and the Police Executive Research Forum's Senior Management Institute for Police. Tanksley received his bachelor's degree from Concordia University, his Master of Social Work degree from the University of Illinois, Chicago, and a Master of Science in management and organizational behavior at Benedictine University.

**Bruce G. Taylor** is a Principal Research Scientist with the National Opinion Research Center at the University of Chicago. He has conducted studies in the areas of policing, technology and officer safety, school violence prevention, violent offenders, victimization, and the dynamics of drug markets. His current research examines the effectiveness of license plate recognition devices in reducing auto theft, the use of nonlethal weapons on increasing officer and suspect safety, a national survey on policies and practices regarding the use of body armor within law enforcement, and a study on officer road safety apparel and equipment. He received his doctorate from Rutgers, The State University of New Jersey.

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**Patricia Tjaden** has worked for more than 30 years to improve the understanding of the effects of violent victimization. Among her many accomplishments, she developed and administered the highly esteemed National Violence Against Women Survey. Additionally, she has conducted groundbreaking research on stalking, family violence, sexual abuse and the differential treatment of women in the justice system. Tjaden has consulted with various organizations, including the United Nations, to develop protocols for conducting victimization surveillance systems among diverse populations and developed college courses on gender-based violence. Her research has been reported in a variety of scholarly journals, government reports and news media outlets.

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**Christopher Traver** is a Senior Policy Advisor for Justice Information Sharing at the Bureau of Justice Assistance (BJA). Traver is responsible for supporting the development of national policy, procedures and technology standards on behalf of DOJ's efforts to support information sharing between local, state and tribal justice practitioners. Traver has contributed to the Global Justice Information Sharing Initiative, Global Justice XML Data Model, National Information Exchange Model, Dru Sjodin National Sex Offender Public Web site, Justice Reference Architecture and many others. Previously, Traver was a technical advisor to BJA's National Policy Office. He also spent several years as a software engineer and database specialist. Traver received his Bachelor of Science degrees in computer science and electrical engineering from Duke University.

**Laurence Tribe** is the Senior Counselor for Access to Justice at DOJ. He is a renowned constitutional scholar and Harvard Law School professor who has been an advisor to President Barack Obama, authored numerous books and articles, and argued before the Supreme Court more than 30 times. Tribe is currently spearheading the Access to Justice initiative to improve the nation's indigent defense system and its delivery of civil legal services to the poor and middle class.

**Linda Truitt** is a Senior Social Science Analyst at NIJ, where she manages the courts, drugs and crime research portfolios. Some of Truitt's current projects include NIJ's Multisite Adult Drug Court Evaluation; the Delaware Department of Corrections' Decide Your Time field experiment; a Red Hook Community Court evaluation; and studies of prosecutorial discretion, strength of evidence, relapse and recidivism at re-entry, failure to appear during pretrial release, sentencing alternatives for drug offenders, and social networks in methamphetamine markets. Truitt previously contributed to adult and family drug court evaluations and research on heroin and methamphetamine trafficking, production and markets. She also was involved with the Arrestee Drug Abuse Monitoring program and sentencing guideline research. Truitt holds a doctorate.

**Louis Tuthill** is a Social Science Analyst in NIJ's Office of Research and Evaluation. Before joining NIJ, Tuthill worked at the Academic Center for Excellence on Youth Violence Prevention, the Robert Presley Center for Crime and Justice Studies, and the Center for Native Nations. His research has examined juvenile delinquency, gangs, domestic violence and the social ecology of crime, and he has collaborated with communities to build effective, culturally competent interventions to deal with these issues.

**Page Ulrey** is a Senior Deputy Prosecuting Attorney at the King County Prosecutor's Office in Seattle. She was appointed to the newly created position of elder abuse prosecutor in 2001. Ulrey works in the Economic Crimes Unit, where she prosecutes elder financial exploitation, neglect and sexual assault. She is the founder and co-chair of the King County Elder Abuse Council and conducts trainings on elder abuse investigation and prosecution across the country for the Office on Violence Against Women and the National District Attorneys Association. Ulrey graduated from Amherst College and received her doctorate in law from the Northeastern University School of Law.

**Bryan Vila** is a Professor of Criminal Justice and Director of the Simulated Hazardous Operational Tasks Lab in the Sleep and Performance Research Center at Washington State University (WSU). Prior to WSU, he directed the Crime Control and Prevention Research Division at NIJ. In addition to serving in Vietnam as a U.S. Marine, Vila was also a law enforcement officer for 17 years. He spent nine years in Los Angeles as a street cop and supervisor, six years as a police chief helping the emerging nations of Micronesia, and two years in Washington, D.C., as a federal officer. He has published more than 50 articles and four books, including *Tired Cops: The Importance of Managing Police Fatigue* and *Micronesian Blues: The Adventures of an American Cop in Paradise*. Vila earned his doctorate from the University of California, Davis.

**John M. Violanti** is a Research Professor in the Department of Social and Preventive Medicine at the University at Buffalo (UB), The State University of New York. He served with the New York State Police for 23 years. Some of his recent projects include the Buffalo police stress study and research of the health effects of shift work. Violanti has written and edited 11 books relating to law enforcement suicide, stress and trauma. He has been an invited lecturer several times on topics of police stress and suicide at the FBI Academy in Quantico, Va. Violanti received his doctorate from UB.

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**J. Michael Ward II** is the Chief of Police for the City of Alexandria, Ky., and has been involved in law enforcement for more than 31 years. Under his direction, the Alexandria Police Department achieved state accreditation. Ward is the only chief in the state to have guided three different agencies through the accreditation process. He is a member of the Kentucky Law Enforcement Council, where he currently chairs the Certification Committee, the Kentucky Wireless Executive Infrastructure Committee and the Kentucky Fusion Center's Board of Directors for the Kentucky Office of Homeland Security. He is the recipient of numerous awards. He is a graduate of the FBI National Academy and the Kentucky Leadership Institute's School of Strategic Leadership.

**Michael Logan Ware** is the Special Fields Bureau Chief and the head of the Dallas County District Attorney's Office Conviction Integrity Unit. In 1984, Ware began a private practice, primarily in criminal defense, after he served as a law clerk for U.S. District Judge David O. Belew Jr., in Fort Worth, Texas. He became board certified in criminal law in 1990. In 2006 and 2007, Ware was an adjunct professor at Texas Wesleyan Law School and was a supervising attorney for the Wesleyan Innocence Project. Ware graduated from the University of Houston Law School and served on the *Houston Law Review*.

**Jennifer Wareham** is an Assistant Professor at Wayne State University. Her research has involved assessing the efficacy of delinquency prevention and intervention, community- and individual-level explanations of delinquency, and correlates of substance use. She has a particular interest in the spatial analysis of crime. Wareham received her doctorate in criminology from the University of South Florida.

**Cheryl Crawford Watson** is the Human Subjects Protection Compliance Officer and a Senior Advisor in the Office of the Director at NIJ. Since 1987, she has identified criminal justice innovations, designed multisite research demonstration programs and implemented national-level program models for NIJ. She currently manages NIJ's regulatory compliance program for confidentiality and human subjects' protection and provides legislative and legal analyses on a variety of agency issues. She holds a Master of Arts in public administration and a juris doctorate from the University of Wisconsin, Madison.

**Gary Wedge** is a Captain with the Chula Vista Police Department in California, where he oversees the Administrative Services Division. Wedge began his career in 1976 as a police explorer and became a peace officer in 1984. Since then, he has held positions in various departments, including juvenile services, family protection and crimes of violence. For 19 years, Wedge served on the Hostage and Crisis Negotiating Team as a negotiator and team commander. He has a bachelor's degree in behavioral science from National University and is a graduate of the Los Angeles Police Department's West Point Leadership program and the California POST Command College.

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**Carl A. Wicklund** is the Executive Director of the American Probation and Parole Association. He has more than 38 years of experience in corrections and human services. He served as the director of a three-county adult and juvenile probation and parole department and developed and managed a variety of community-based, private-sector programs for juveniles and adults involved with the justice or social services systems. He is the vice chair of the Global Justice Information Sharing Initiative (a federal advisory committee to the U.S. Attorney General). He is the recipient of many awards, including the 2001 Florida Community Corrections Association's Life Time Achievement Award and the first U.S. Congressional Crime Victims' Rights Caucus Allied Professional Award in 2006.

**Aileen Wiglesworth** is an Assistant Clinical Professor of Family Medicine at the University of California, Irvine, School of Medicine, where she has worked with the program in geriatrics, chaired by Laura Mosqueda, since 2004. Wiglesworth is the lead researcher for the Center of Excellence in Elder Abuse and Neglect. She has published articles on an elder abuse forensic center, bruising associated with elder abuse and mistreatment of people with dementia by their caregivers. She received her doctorate in gerontology from the University of Kentucky.

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**Jim Wong** is a Program Manager in the Law Enforcement Technology Support Center at the Department of Energy's Savannah River National Laboratory. He is currently supporting NIJ's effort to develop a standard for offender tracking. Wong is a licensed professional engineer who has held a variety of engineering and management positions over the past 23 years. He has served as a visiting scientist at NIJ, where he provided technical and programmatic support to the Attorney General's Body Armor Safety Initiative and personal protective equipment technology portfolio. He has a bachelor's degree in mechanical engineering from the University at Buffalo, The State University of New York, and a Master of Business Administration degree from the University of South Carolina.

**Paula Zahn** is the Executive Producer and Host of Investigation Discovery's series, *On the Case with Paula Zahn*. Before joining Discovery, Zahn anchored at several news organizations, including CNN, Fox News, CBS and ABC. She has interviewed dignitaries and newsmakers, including four former U.S. Presidents, and has won eight Emmy Awards, the National Commission of Working Women Broadcasting Award, and an American Women in Radio and Television Award for reporting on gender bias in education. Zahn is a proud supporter of DOJ's campaign to commemorate the 15th anniversary of the Violence Against Women Act.

**Gary Zajac** is a Research and Evaluation Manager for the Pennsylvania Department of Corrections (PADOC). He is a member of the Criminal Justice Drug Abuse Treatment Studies Steering Committee, representing PADOC. The research partnership model that he initiated within PADOC won a 2008 Innovations Award from the Council of State Governments, recognized as a model for knowledge creation within state agencies. This model engages objective external research experts and leverages third-party funding, resulting in 18 major grant-supported research partnerships totaling nearly \$6 million. His scholarly work has appeared in many journals and books. Zajac holds a doctorate.

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**Cynthia Zeller** is an Assistant Professor of Chemistry and Forensic Science at Towson University. After two postdoctoral fellowships at the Johns Hopkins School of Medicine, she joined the Maryland State Police Division of Forensic Science as a serologist and DNA analyst. Upon her return to the academic community, she has used molecular biological techniques to detect semen and other body fluids to develop an automatable, user-friendly method for serological detection. Zeller received her doctorate in cell biology and anatomy from the University of Alabama, Birmingham.

**Kristen M. Zgoba** is the Supervisor of Research and Evaluation in the Office of Policy and Planning for the New Jersey Department of Corrections. Her research involves studies of homicide offenders, sex offenders and geographic analyses. She serves on the board of directors at the American Correctional Association. Zgoba is on the editorial board for *Victims & Offenders*, *Journal of Research in Crime*, and *Delinquency and Criminal Justice Abstracts*. Her recent publications appear in *Victims & Offenders*, *Criminal Justice Policy Review*, *Criminal Justice Studies: A Critical Journal of Law and Society*, *The Journal of Family Violence*, *Aggression and Violent Behavior: A Review Journal*, and *Criminal Justice and Behavior: An International Journal*. Zgoba received her doctorate from the School of Criminal Justice at Rutgers, The State University of New Jersey.







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# MARRIOTT CRYSTAL GATEWAY

