



National Institute of Justice

Research in Brief

Jeremy Travis, Director

November 1997

1997 Research Portfolio (Interim)

This Research in Brief presents ongoing research, evaluation, and program development projects supported by the National Institute of Justice (NIJ) through June 30, 1997.

A complete listing of awards through fiscal year 1997 is forthcoming.

Each project in this portfolio is part of NIJ's overall strategic plan to respond to the Nation's critical criminal justice concerns. Included are grants, inter-agency and cooperative agreements, contracts, and fellowships, including awards supported by the Violent Crime Control and Law Enforcement Act of 1994 (the Crime Act) and work conducted in partnership with the U.S. Department of Defense.

NIJ's Research and Evaluation Solicitations

The Institute's approach to research is described in the NIJ Prospectus, *Building Knowledge About Crime and Justice*, and an open solicitation invites investigator-initiated proposals in broadly defined areas of research. The Institute also issues separate, focused solicitations for research on specific issues and programs, including those emphasized by the 1994 Crime Act: community policing, sentencing and correctional programs, violence against women, and drug courts.

Organization of the Portfolio

The portfolio is organized into four main topic areas: Criminal Behavior, Crime Control and Prevention, Criminal Justice System, and Technology Research and Development. Subtopics include the following types of research activities:

- Extramural research—awards in the form of grants, interagency agreements, cooperative agreements, and fellowships made to organizations and researchers not affiliated with NIJ.
- Intramural research—projects conducted by NIJ staff.
- Research Applications Contract Projects—projects that focus on the dissemination of critical research findings and important innovations in criminal justice practices.

Within each subtopic, the projects are listed alphabetically by title.

For Further Information

For information about NIJ programs, publications, or final reports, contact the National Criminal Justice Reference Service (NCJRS) at (301) 519-5500 or (800) 851-3420.

For online access to this Portfolio, connect to NIJ's World Wide Web page at <http://www.ojp.usdoj.gov/nij> or the Justice Information Center at <http://www.ncjrs.org>.

For information regarding the 1994 Crime Act, contact the Department of Justice Response Center at (800) 421-6770, or see *Criminal Justice Research under the Crime Act—1995 to 1996* (NCJ 166142).

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Criminal Behavior

◆ Extramural Research

Alcohol Problems and Violence Against Women

University of Northern Iowa
William R. Downs
96-WT-NX-0005

This study is describing the relationship between alcohol abuse and domestic violence among two at-risk populations—women in alcohol treatment programs and women receiving services as victims of domestic violence.

Breaking the Cycle

University of Alabama—Birmingham
L. Foster Cook
96-IJ-CX-0065

This award supports a demonstration project that tests hypotheses about the linkages between drugs and crime by combining drug treatment with criminal justice sanctions and incentives.

Brooklyn Domestic Violence Experiment

Victim Services, Inc.
Robert Davis
94-IJ-CX-0047

This award supports an experimental evaluation of a batterers' treatment program in Brooklyn, New York, to determine rates of new violence.

Changing Patterns of Homicide and Social Policy in Three American Cities

North Carolina State University
Margaret Zahn
95-IJ-CX-0115

This research documents changes in the types and numbers of homicides across time in three American cities to determine neighborhood correlates of homicide victimization and offending.

Childhood Victimization and Adult Violence: Using Multiple Measures to Better Estimate Offending

State University of New York—Albany,
Research Foundation

Cathy Spatz Widom
93-IJ-CX-0031

This award, which extends funding for research on childhood victimization and adult violence, focuses on the use of multiple measures to better estimate offending.

COMBAT (Community-Backed Anti-Drug Tax) Program Evaluation

Abt Associates Inc.

Dana Hunt
96-IJ-CX-0091

This evaluation collects data about COMBAT and analyzes the cost-effectiveness of a wide variety of programs to enforce drug laws, prosecute and punish offenders, prevent drug use and associated crime, and treat drug users.

Comparing Adult and Juvenile Homicides in Los Angeles

University of Southern California
Cheryl Maxson
97-IJ-CX-0018

This project, part of a series of homicide studies, expands to adult homicides an extensive data collection currently under way on juvenile homicides in Los Angeles to develop recommendations for improved criminal justice and community responses.

Computerization and Validation of an Inventory to Assess Adult and Juvenile Sex Offenders

Brandeis University
Raymond Knight
94-IJ-CX-0049

This project continues the development of diagnostic instruments and offender typologies, including the Multidimensional Assessment of Sex and Aggression, for both adult and juvenile offenders.

Correlates of Specialization and Escalation in Criminal Careers

Pennsylvania State University,
Office of Sponsored Programs
Chester Britt

97-IJ-CX-0020

This project is investigating factors that might predict the likelihood that offenders will specialize in a crime type or escalate to more serious forms of crime over the course of their criminal career.

Cost Analysis of Day Reporting Centers

Pacific Institute for Research and Evaluation

Amy Craddock
97-IJ-CX-0006

This analysis is examining whether the benefits of providing day reporting centers exceed the costs and assessing how to increase program efficiency.

Delinquent Networks in Philadelphia: Policing Gangs

Temple University
Joan McCord
92-IJ-CX-K008

This project focuses on gang structures, delinquent networks, gang interaction patterns, the ways in which gang structures affect individual involvement in criminal activities, and the criminal justice system's response to these activities.

Developmental Antecedents of Sexual Aggression

Joseph J. Peters Institute
Robert Prentky
94-IJ-CX-0031

This project collects data on convicted rapists, self-reported sexually coercive college students, and two control groups to determine if the developmental antecedents of sexual aggression differ among the four groups.

Dissemination and Communication Activities of the National Consortium for Violence Research

National Science Foundation

Harmon M. Hosch

97-IJ-CX-A060

This award supports vigorous communication between researchers and practitioners associated with the National Consortium for Violence Research, including commenting on potential research issues, providing feedback on implementation of research findings, and advising on the constraints and successes of recent approaches to prevent or reduce violence.

Efficacy of Court-Mandated Counseling for Domestic Violence Offenders: A Broward County Experiment

Florida Atlantic University

Lynette Feder

96-WT-NX-0008

This research assesses the effectiveness of a 26-week counseling intervention for batterers based on the Duluth, Minnesota, model. Data from probation reports, monthly treatment attendance and participation reports, police contacts, and offender and victim reports of violence both prior to and after treatment are analyzed.

Evaluating the Impact of Alternative Placement: Long-Term Followup of Adjudicated Delinquents

University of Illinois—Chicago

Michael Fendrich

95-IJ-CX-0108

This study explores the relative impact of alternatives to State training schools on the recidivism of adjudicated delinquents.

Evaluation of Breaking the Cycle

The Urban Institute

Adele Harrell

97-IJ-CX-0013

This award supports evaluation of a comprehensive and coordinated program in Birmingham, Alabama, designed to reduce substance abuse and criminal

activity and improve the health and social functioning of drug-involved offenders by combining drug treatment with criminal justice sanctions and incentives.

Evaluation of G.R.E.A.T.

University of Nebraska—Omaha

Finn-Aage Esbensen

94-IJ-CX-0058

This project supports the longitudinal evaluation of the Gang Resistance Education and Training (G.R.E.A.T.) Program, a school-based gang prevention curriculum taught by law enforcement officers.

Exploration of the Experience and Needs of Formerly Intimate Stalking Victims

West Chester University

Mary P. Brewster

95-WT-NX-0002

This research identifies the evolution and patterns of stalking behavior; the psychological, financial, physical, and behavioral effects of stalking on its victims; the effectiveness (or ineffectiveness) of legal mechanisms in protecting victims; the various needs of stalking victims; the factors related to subsequent violence in stalking cases; and related issues.

Exploring the Links Between Substance Abuse and Domestic Violence

Research Triangle Institute

James Collins, NIJ Visiting Fellow

97-IJ-CX-0009

This award supports a study of programs that integrate domestic violence services and substance abuse treatment for both batterers and victims.

Family and Community Violence: Experiences of Adolescents

Regents of the University of California—Los Angeles

Susan B. Sorenson

96-IJ-CX-0017

This project studies the relationship between exposure to family violence and

subsequent violence-related attitudes, victimization, and perpetration in an ethnically diverse sample of adolescents living in the Los Angeles area.

Female Gang Involvement in the Midwest: Two-City Comparison

University of Southern California

Jody Miller

96-IJ-CX-0005

This project explores the etiology of female participation in gangs in Cleveland and Columbus, Ohio, and the structural and cultural contexts in which gangs emerge and operate.

Firearm Acquisition, Violent Crime, and Juvenile Offenders

Battelle Memorial Institute, Human Affairs Research Center

Barbara Rader

96-IJ-CX-0027

This project interviews juvenile offenders who have been convicted of crimes involving a firearm to examine their motives and sources of firearm acquisition; the relationship between gangs, drugs, and guns; and offenders' perceptions of triggering events.

Girl Scouts Beyond Bars Program: Research and Evaluation

University of Baltimore

Kathleen Block

94-IJ-CX-K013

This evaluation of the Maryland Girl Scouts Beyond Bars program assesses the impact of enhanced visitation on the relationship between incarcerated mothers and their daughters by collecting data on the children's school and home life.

High School Youth, Weapons, and Violence: A National Survey of Weapon-Related Behavior, Crime, and Victimization

Tulane University

Joseph Sheley

94-IJ-CX-0033

This project conducts a national survey of a random sample of 3,000 male high

school juniors and seniors to determine weapon-related violence, victimization, and associated behavior.

Homicide in New York City, 1790–1990

Regents of the University of California—Los Angeles

Eric Monkkonen

96-IJ-CX-0016

This award supports continuation of a data series on homicides over a period of two centuries in New York City.

Immigration and Naturalization Service Detention and Removal: A “White Paper”

Yale Law School

Peter H. Schuck

97-IJ-CX-0005

This report examines the limitations of the Immigration and Naturalization Service’s (INS) current detention strategies and explores possible improvements and alternatives.

Impact Evaluation of the Opportunity To Succeed (OPTS) Program

The Urban Institute

Shellie Rossman

94-IJ-CX-0010

This 4-year evaluation includes a process evaluation, an impact evaluation, and a cost-benefit analysis of the OPTS program, which provides an array of services to probationers and parolees returning to their communities.

Murder in Space City Reexamined: Houston Homicide

Sam Houston State University

Victoria Brewer

97-IJ-CX-0014

This award, part of a series of homicide studies, is analyzing data from Houston, Texas, police files to determine factors that correlate with high homicide rates and case disposition.

Patterns and Trends in Youth-Perpetrated Homicides in the United States

Research Triangle Institute

Robert Flewelling

95-IJ-CX-0114

This project examines patterns and trends in youth-perpetrated homicides since 1980 and explores social and demographic determinants of the recent increases in youth homicide.

Patterns of Violence: An Analysis of Individual Offenders

University of Nebraska—Omaha

Julie Horney

96-IJ-CX-0015

This study examines varying levels of violence by individuals across time, including the avoidance of violence in high-risk situations.

Project on Human Development in Chicago Neighborhoods

President and Fellows of Harvard

Felton J. Earls

93-IJ-CX-K005

This longitudinal study, which is sponsored jointly with the MacArthur Foundation, is collecting data over an 8-year period on 7,000 children and youths from birth to age 18, their families, and their neighborhoods to trace the development of delinquent and criminal behavior patterns, including substance abuse.

Risk of Serious Injury or Death in Intimate Violence

Illinois Criminal Justice Information Authority

Carolyn R. Block

96-IJ-CX-0020

This project identifies factors that place battered women in danger of life-threatening injury or death and develops high-risk profiles by analyzing cases in which women and men were killed through intimate violence.

Secondary Analyses of the Impact of Co-offending in Criminal Justice Data Sets

Rutgers, The State University of New Jersey

Elin J. Waring

96-IJ-CX-0012

This award supports sophisticated statistical analyses to develop improved models that can assess the impact of co-offending in terms of criminal justice outcomes.

Situational Contexts of Gun Use by Young Males in an Inner City

Columbia University School of

Public Health

Jeffrey Fagan

96-IJ-CX-0013

This research analyzes gun use among young males, including their decisionmaking process related to the criminal use of guns and the factors implicated in homicides.

Supplemental Survey of Gun Owners

President and Fellows of Harvard

David Hemenway

95-IJ-CX-0094

This project conducts a national random-digit-dial survey of 3,200 gun owners to supplement findings on self-defense produced in surveys by the Harvard Injury Control Center and NIJ.

Targeting Cycles of Domestic Violence: Assessment, Review, and Recommendations

Seattle Police Department

Dan W. Fleissener

95-IJ-CX-0097

This project supports a partnership between the University of Washington and the Seattle Police Department to gather information on the cycle of violence and develop more effective measures against domestic violence.

Testing Hair Samples and the Pennsylvania Prison Project

Psychemedics Corporation
Chris Berka
96-IJ-CX-C005

This project conducts radio-immunoassays on head hair specimens to determine recent and past drug use among prison inmates.

Understanding, Preventing, and Controlling Domestic Violence Incidents

University of Massachusetts—Lowell Research Foundation
Eve Buzawa
95-IJ-CX-0027

This project examines official records and conducts indepth interviews with batterers and victims to determine the effect of judicial intervention on batterers sentenced in the Quincy, Massachusetts, District Court.

Violence and Threats of Violence Against Women in America

Center for Policy Research
Patricia Tjaden
93-IJ-CX-0012

This supplement continues the study of a national telephone survey of 8,000 women and 8,000 men age 18 and older to advance knowledge about the nature, extent, and consequences of various forms of violence and threats of violence against women, including stalking and childhood victimization.

Youth, Firearms, and Violence in Atlanta: A Problem-Solving Approach

Emory University
Arthur Kellermann
94-MU-CX-K003

This study employs a problem-solving approach to reduce gun violence among youth in metropolitan Atlanta. The approach involves working with the community and with State and local governments to analyze the magnitude, extent, and characteristics of the problem.

Youth Violence, Guns, and Links to Illicit Drug Markets

Carnegie Mellon University
Alfred Blumstein
95-IJ-CX-0005

This project studies the recent growth in juvenile homicide rates by race and age through examination of data on homicide rates, drug arrest rates, arrest rates for weapons offenses, the number of homicides involving guns, and other variables.

The Drug Use Forecasting (DUF) Program

The Drug Use Forecasting (DUF) program in 23 sites performs drug tests on samples of arrestees brought to booking facilities. The test findings indicate levels of drug use, determine what drugs are used in specific jurisdictions, and track changes in arrestees' drug use patterns.

DUF—Cleveland Telecommunications Pilot Project

Cleveland State University
Sonia Alemagno
96-IJ-CX-A009

This award implements a pilot project using telecommunications software to conduct interviews with arrestees at DUF sites.

DUF—Examination of Methamphetamine Use

San Diego Association of Governments
Susan Pennell
96-IJ-CX-0026

This project examines the dynamics of methamphetamine use, market structure, methods of payment, and associated illegal activity in several DUF sites.

DUF—Identifying and Prioritizing Local Social Risk Factors

Colorado Division of Criminal Justice
Kim English
96-IJ-CX-0031

This award analyzes the socioeconomic and criminal histories of drug-involved arrestees in Denver to expand understanding of their characteristics.

DUF—Laboratory Analysis of Urine Specimens

National Center for Forensic Science
Lionel Menard
94-IJ-CX-C009

This award supports laboratory analysis to screen for 10 drugs in samples collected at DUF sites.

DUF—Statistical Support

Aspen Systems Corporation
Lilly Gardner
93-IJ-CX-C002

This award supports data analysis, maintenance of data files, preparation of publications, and periodic training of DUF personnel.

Atlanta DUF

Georgia State University Institute of Government Administration
Kirk Elifson

Birmingham DUF

City of Birmingham
L. Foster Cook

Chicago DUF

TASC of Illinois, Inc.
Melody Heaps

Cleveland DUF

Cuyahoga County Board of County Commissioners
Bob Pace

Dallas DUF

Dallas County Sheriff's Department
Charles Fawns

Denver DUF

Colorado Division of Criminal Justice
Kim English

Detroit DUF

Michigan State University
Tim Bynum

Fort Lauderdale DUF

Broward County Sheriff's Office
Ron Cochran

Houston DUF

Houston-Galveston Area Council
Brett Arkinson

Indianapolis DUF

Marion County (Indiana) Justice Agency
Cindy Mowry

Los Angeles DUF

Los Angeles County, Inc., Public Health
Foundation
Karen Garcia

Manhattan DUF

New York City Department of Mental
Health, Mental Retardation, and
Alcoholism Services
Patricia Thomas

Miami DUF

Metro-Dade Police Department
Dorothy Fletcher

New Orleans DUF

Orleans Parish Criminal Sheriff's Office
William C. Hunter

Omaha DUF

Office of Public Safety, Police Division
Frederick Power

Philadelphia DUF

Temple University
Jack R. Greene

Phoenix DUF

TASC of Maricopa County, Inc.
Barbara Zugor

Portland DUF

TASC of Oregon, Inc.
Diane Wiscarson

San Antonio DUF

San Antonio Metropolitan Health
District
Sergio Soto

San Diego DUF

San Diego Association of Governments
Susan Pennell

San Jose DUF

Santa Clara County Bureau of Drug
Abuse Services
Robert Garner

St. Louis DUF

St. Louis (Missouri) Metropolitan
Police Department
Scott H. Decker

Washington, D.C., DUF

District of Columbia Pretrial Services
Agency
Janis Bergin

Residential Substance Abuse Treatment**Client Motivation in Therapeutic Community Treatment for Offenders**

University of Delaware—Newark
Costel D. Denson
97-RT-VX-K004

This project is evaluating the expansion of Delaware's therapeutic continuum of residential treatment for drug abusing prisoners.

Evaluation of Florida's Residential Substance Abuse Treatment for State Prisoners Program

Florida State University
Olivia H. Pope
97-RT-VX-K007

This project is evaluating the implementation and treatment effects of the Residential Substance Abuse Treatment Program at three Florida correctional facilities.

Evaluation of the Forever Free Substance Abuse Program

Regents of the University of California—Los Angeles
Michael Pendergast
97-RT-VX-K003

This award supports evaluation of "Forever Free," a 6-month residential treatment program for women inmates that is followed by community residential treatment.

Evaluation of the Maxey Substance Abuse Treatment Program

University of Michigan
David Plawchan
97-RT-VX-K008

This award supports an evaluation of the Maxey Training School for substance abusing youth involved in the Michigan juvenile justice system.

Evaluation of Residential Substance Abuse Treatment

University of Wisconsin—Madison
Paul D. Moberg
97-RT-VX-K001

This project is evaluating local implementation of Wisconsin's residential substance abuse treatment program, which is located in a minimum security facility and offers a therapeutic community for prisoners who are dually diagnosed with psychiatric disorders.

Evaluation of Residential Substance Abuse Treatment for State Prison Inmates

University of New Mexico
Robert Wilson
97-RT-VX-K002

This project is evaluating the "We Are Recovering" therapeutic community at the Southern New Mexico Correctional Facility and developing a framework for future evaluation of the program's aftercare component.

National Evaluation of Prison Substance Abuse Treatment

National Development and Research Institute

Douglas Lipton

97-RT-VX-K006

This project is conducting a national process evaluation of the Residential Substance Abuse Treatment for State Prisoners Program, providing assistance to the States, and performing preliminary work on an outcome evaluation.

Therapeutic Milieu in Treatment of Offenders: Evaluation in Maryland

University of Maryland—College Park

Faye S. Taxman

97-RT-VX-K005

This award supports a process and impact evaluation of Maryland's comprehensive strategy for providing treatment services to offenders both during incarceration and upon release through an aftercare component.

◆ **Intramural Projects**

The following research is being conducted by NIJ staff:

Analysis of Juvenile Drug Use Trends and Patterns

K. Jack Riley and Angela Moore-Parmley

Using data from Drug Use Forecasting sites, researchers are analyzing drug use among juveniles. The work examines prevalence, initiation into illicit drug use, living arrangements, and education, and compares juvenile self-reports of drug use with test results. Additionally, trends in the DUF data are being compared with trends reported in the Monitoring the Future program.

Assessing the Incapacitative and Deterrent Effects of Oleoresin Capsicum (Pepper Spray)

Steven M. Edwards and

Robert J. Kaminski

This project employs multivariate and time-series analyses to assess the

effectiveness of pepper spray in making arrests and to determine whether its introduction into a large police department deterred assaults on police officers.

Effects of Spatial and Temporal Aggregation on the Analysis of Patterns of Homicide

Seth Flanders and Nancy G. La Vigne

Using 3 years of data from Washington, D.C., homicides, this study explores various grouping methods and areal unit sizes to determine the extent to which these factors produce bias or inefficient estimates in regression analysis.

Impact of Videotaped Police-Citizen Encounters on Public Perceptions of Law Enforcement

Eric S. Jefferis and Robert J. Kaminski

Using survey data from a random sample of Cincinnati residents over an 11-year period, this study examines how public opinion was affected by the televising of a violent arrest of an African-American youth.

Mobility of DUF Arrestees

Robert Langworthy and

Nancy G. La Vigne

This study is analyzing ZIP code data from arrestees in Drug Use Forecasting samples to determine the concentrations of arrestees, the concentrations of offenses, and the relationship between where offenders live and where they commit crimes.

Patterns and Correlates of Assaults on Police

Robert Kaminski and

Robert Langworthy

This project examines assaults on police officers in 77 cities from 1980 to 1994 and analyzes a variety of police organizational factors, sociodemographic characteristics of cities, and officer and suspect attributes.

Race and Recidivism

Pamela K. Lattimore,

Richard L. Linster, and

Christy A. Visher

This project examines the relationship between race (black, Hispanic, and white) and criminal recidivism among approximately 4,000 male youth released from the California Youth Authority.

Use of Force Between the Police and Persons with Impaired Judgement

Raymond L. Downs, Robert J.

Kaminski, and Clete DiGiovanni

Researchers, working in partnership with the National Naval Medical Center, are assessing the differences in use of force on arrestees who are and are not judgmentally impaired due to drug use or psychiatric illness, the effectiveness of the force, and the associated risks to the officer and the arrestee.

◆ **Research Applications Contract Projects**

Abt Associates Inc.

Joan Mullen

OJP-C-94-007

Addressing HIV/AIDS, STDs, and TB in Jails and Prisons

This project is updating information on the policies and procedures in adult and juvenile correctional systems to address the continuing epidemics of HIV/AIDS, STDs, and TB among incarcerated offenders.

Drug Treatment in the Age of Managed Care

State and local community corrections officials are identifying and describing current practices and key issues associated with providing drug treatment to incarcerated drug abusers.

Crime Control and Prevention

◆ Extramural Research

Ada County Sheriff's Office and Boise State University

Boise State University

John Crank

96-IJ-CX-0085

Through the partnership created by this award, researchers are surveying citizens to better understand their needs and thereby enhance the community's capacity to access information about the sheriff's office.

Adolescent Violence: Lethal and Nonlethal

Columbia University School of Public Health

Jeffrey Fagan

97-IJ-CX-0023

This study of violent incidents among 15–24 year olds living in New York City in 1986–1995 is identifying the individual, social, and economic risk factors that contribute to violence among young people.

Alachua County Sheriff's Office Research Partnership with the University of Florida

Alachua County Sheriff's Office

Louise Grimm

96-IJ-CX-0087

Researchers, working in partnership with the Alachua County Sheriff's Office, are conducting a detailed review of the research needs of the sheriff's office, improving research and communication skills, and determining if the communication program has enhanced the target neighborhood residents' attitudes toward law enforcement.

Analysis of Police Use of Force Data

University of South Carolina

Geoffrey P. Alpert

95-IJ-CX-0104

This project reanalyzes and compares the data sets on police use of force from

the Metro-Dade, Florida, and Eugene and Springfield, Oregon, police departments. Through data analysis, researchers are determining the relationship between the amount of resistance met by police and the amount of force used to control suspects.

Assault Crisis Teams: Preventing Youth Violence Through Monitoring, Mentoring, and Mediation

St. Louis (Missouri) Metropolitan Police Department

Richard Rosenfeld

94-IJ-CX-K012

This project creates assault crisis teams that work in an emergency medical treatment center serving high-risk populations, in a juvenile detention facility, in an adult medium-security institution, and in one or two neighborhoods with high levels of violence. The project includes an evaluation of the teams' impact.

Assessing Community Police Performance in Philadelphia

Temple University

Jack R. Greene

95-IJ-CX-0084

This collaboration between Temple University and the Philadelphia Police Department seeks to better understand community-oriented policing by more precisely measuring routine patrol activities, problem-solving capabilities, and the impact of policing philosophy on both the police and the community.

Assessing a Model of Police-Community Collaboration

Vera Institute of Justice, Inc.

Douglas Young

96-IJ-CX-0064

This evaluation explores police relationships with clients in a substance abuse treatment program to enrich understanding about the design and implementation of crime control strategies.

Assessment of Family Violence Interventions

National Academy of Sciences

Rosemary Chalk

95-IJ-CX-0001

A committee of experts is developing a synthesis of the relevant research and expert opinions regarding the strengths and limitations of existing program interventions in the area of family violence.

Awareness and Perceptions of Community Policing in Immigrant Communities

Victim Services, Inc.

Robert Davis

96-IJ-CX-0073

This project is investigating the extent to which awareness of community policing is penetrating immigrant communities and the perceptions of immigrants about law enforcement.

Bethlehem, Pennsylvania, Police Family Group Conferencing Project

Community Service Foundation, Inc.

Theodore Wachtel

95-IJ-CX-0042

This project evaluates the effectiveness of family group conferencing, an innovative community policing technique that involves victims, offenders, and their families and friends in addressing moderately serious juvenile crimes.

Beyond Arrest: The Portland, Oregon, Experiment

Portland State University

Annette Jolin

95-IJ-CX-0054

This study explores whether arrest, in the context of a coordinated domestic violence response system, has a greater deterrent effect than arrest by itself and evaluates the effectiveness of the Portland Police Bureau's Domestic Violence Reduction Unit.

Building Effective Strategies for Community Policing

State University of New York—Buffalo
Raymond Hunt
95-IJ-CX-0081

This project supports the collaboration between a university team and the Buffalo Police Department to help define, clarify, develop, and deploy a vision and strategy for community policing.

Childhood Victimization and Delinquency, Adult Criminality, and Violent Criminal Behavior: A Replication and Extension

Washington Department of Social and Health Services
Diana J. English
97-IJ-CX-0017

This study is comparing substantiated cases of child abuse and neglect to subsequent court records in King County, Washington, to determine the relationship of childhood victimization to delinquency, adult criminality, and violence.

Citizen Involvement in Community Policing

Institute for Social Analysis
Royer F. Cook
95-IJ-CX-0092

This evaluation focuses on police-citizen interaction and community policing in two cities where the national impact evaluation of Operation Weed and Seed is being conducted.

Collaboration Between Abt Associates and the Hartford Police Department

Abt Associates Inc.
Joan Mullen
95-IJ-CX-0079

This evaluation examines an innovative joint police-community program in Hartford, Connecticut, that directly addresses a key aspect of the 1994 Crime Act: development and implementation of innovative programs that permit members of the community to assist law enforcement agencies in

reorienting the emphasis of their activities from reacting to crime to preventing crime.

Collaboration Between the Oakland Police Department and the University of California

Regents of the University of California—Berkeley
Jerome Skolnick
95-IJ-CX-0046

This project supports collaboration between the Oakland Police Department and the University of California—Berkeley to encourage police accountability to the department and to the citizens of Oakland. It is also evaluating the department's move to implement community-oriented policing through decentralization.

Community Component of Community Policing in Los Angeles

University of Southern California
Cheryl Maxson
96-IJ-CX-0069

This project is developing measurement tools to assess community attitudes and perceptions of police activities and police-community relationships and is examining individual and community factors in citizens' reactions to community policing. Findings from mail and telephone surveys are being compared to help decisionmakers select appropriate measurement tools and better understand the results of assessment efforts in different locations across the country.

Community Policing in El Centro, California: Strengthening Police-Citizen Cooperation in a Bilingual, Multicultural Community

City of El Centro
Harold D. Carter
95-IJ-CX-0049

Working with faculty from San Diego State University, the El Centro Police Department is identifying and testing strategies for improving cooperation

and building trust between police officers and citizens who may not speak the same language or share a common cultural experience.

Community Policing in Neighborhoods

Michigan State University
Stephen D. Mastrofski
95-IJ-CX-0071

This study addresses several aspects of community policing, including how the police and the community interact with each other in a community policing environment, how officers spend their time and use their authority to intervene in citizens' lives, how police control problem citizens, and how law enforcement agencies obtain cooperation between the police and the public.

Computer Mapping of Crime in Public Housing

U.S. Department of Housing and Urban Development
Harold Holzman
96-IJ-CX-A022

This award supports the needs assessment and implementation phases of a computer-assisted geographic mapping system for a police department and a public housing agency in a case study city.

Consent to Search and Seize

University of Missouri—St. Louis
Scott H. Decker
95-IJ-CX-0067

This project evaluates the St. Louis Firearm Suppression Program, an innovative policing effort to (1) reduce youth firearm possession and violence by obtaining parental consent to search the homes of juveniles suspected of possessing a gun, and (2) document aspects of problem-oriented policing most responsible for successful outcomes.

Controlling Crime and Disorder Hot Spots Using Civil Remedies

University of Cincinnati
Lorraine Green Mazerolle
95-IJ-CX-0039

This 18-month study assesses the Oakland, California, Police Department's Beat Health Unit Initiative, which uses civil remedies for drug and crime abatement, neighborhood improvement, and cooling down of hot spots. The assessment's aim is to inform policymakers of the types of communities most likely to provide successful environments for such initiatives.

Coordinated Response to Motor Vehicle Thefts: Evaluation of Enforcement and Crime Prevention Efforts

San Diego Association of Governments
Susan Pennell
94-IJ-CX-0027

This evaluation examines the effectiveness of using enhanced crime analysis information and mapping techniques targeted at enforcement and prevention of motor vehicle thefts to improve efforts to control and prevent auto theft.

Council Grove-Kansas State University Law Enforcement Team Project

Kansas State University
Kay K. Cogley
95-IJ-CX-0045

This project forms a long-term partnership between law enforcement in the rural community of Council Grove, Kansas, and Kansas State University to provide systematic data on public perceptions of the area's style of community policing.

Creating a Culture of Community Policing: An Albuquerque Police Department-University of New Mexico Research Partnership

University of New Mexico
Lydia Salas
96-IJ-CX-0068

This project is studying the fundamental dynamics involved in implementing community policing throughout all departments of the Albuquerque Police Department.

Criminology Against Crime: Criminologists and Crime Control for the Indianapolis Police Department

City of Indianapolis
Donald Christ
95-IJ-CX-0077

This evaluation examines two key elements of police accountability. One is the IMPACT (Indianapolis Model of Police Accountability for Community Problemsolving Targets) program, a computer-aided management information and evaluation program for community policing. The other is the New York Police Department's model of weekly crime control strategy meetings, which promote intensive review of local crime patterns by top police commanders.

Cross-Site Research on Locally Initiated Collaborations

Institute for Law and Justice, Inc.
J. Thomas McEwen
95-IJ-CX-0083

This ongoing evaluation of locally initiated research partnerships includes newly funded collaborations. The purpose is to determine how local police-researcher partnerships are formed, how they operate, what factors lead to successful collaborations, and what research contributions can be made.

Cutting Edge of Technology: An Information Campaign

International Association of Chiefs of Police
Charles E. Higginbotham
92-IJ-CX-0003

This project seeks to ensure that the innovative law enforcement technology applications developed and researched by the National Institute of Justice are incorporated into police operations.

Demonstrating a Cost-Effective Approach for Locally Initiated Police Research in Small- and Medium-Sized Cities

LINC
Marcia R. Chaiken
95-IJ-CX-0047

This award supports partnerships involving four police departments (Eureka and Redding, California; Pocatello, Idaho; and Rapid City, South Dakota) and police researchers from the Institute for Law and Justice, the Joint Centers for Justice Studies, and the Police Executive Research Forum. The partnerships develop, test, and evaluate processes for linking researchers and police departments.

Determinants of Citizen and Police Involvement in Community Policing

City of Boston
Luis Garcia
96-IJ-CX-0071

This research measures community attitudes toward and involvement in community policing in Boston, Massachusetts, and identifies individual and community factors associated with citizen participation in community policing.

Domestic Violence Intervention Project

East Bay Community Foundation
Maria Theresa Viramontes
96-IJ-CX-0098

This research partnership among the East Bay Public Safety Corridor

Partnership, the National Council on Crime and Delinquency, and the Berkeley (California) Police Department is developing and testing screening tools to aid police in the decisionmaking process in domestic violence situations in an effort to integrate the criminal justice and rehabilitative/treatment models into a single comprehensive approach to responding to domestic violence.

Domestic Violence Shelter Population in San Diego

San Diego Association of Governments
Susan Pennell
97-IJ-CX-0007

This award supports creation of a central repository of comprehensive information on domestic violence shelters and the types of services needed to improve delivery of services.

Educating the Public About Police: The Lima Public Service Announcement Project

University of Cincinnati
Mitchell Chamlin
95-IJ-CX-0055

This evaluation examines the ability of four educational public service announcements on police-citizen interaction to affect police-citizen outcomes.

Enhancing the Design and Analytical Potential of Crime Mapping

Southern Illinois University
James LeBeau
97-LB-VX-0002

This award provides training to NIJ's Crime Mapping Research Center staff in the use of cartographic and spatial analytic applications and in the research and development of specific mapping applications.

Establishing a Research Partnership Between the Omaha Police Department and the University of Nebraska at Omaha

University of Nebraska—Omaha
Vincent Webb
95-IJ-CX-0057

This project builds on an ongoing collaborative research partnership in which Omaha Police Department professionals and university researchers identify the department's research needs, develop a community policing-related research agenda, carry out the agenda, and assess its impact on the department and the community.

Establishing a Research Partnership: Forest Park, Ohio, Police Division and the University of Cincinnati

University of Cincinnati
Lawrence Travis
96-IJ-CX-0088

This partnership is working to increase the capacity of the Forest Park Police Division to conduct and utilize research and improve sensitivity among university faculty and students to the operational problems of police agencies.

Evaluating Community Policing in Public Housing

Temple University
Jack R. Greene
95-IJ-CX-0041

This evaluation assesses the implementation of a community policing strategy by the Philadelphia Housing Authority and its resident police agency across six public housing developments in Philadelphia that are linked by a common thoroughfare.

Evaluation of the Bureau of Justice Assistance's Comprehensive Communities Program

BOTEC Analysis Corporation
Ann Marie Rocheleau
94-IJ-CX-0065

This project expands a process evaluation of the Comprehensive Communities Program to include an additional six

sites, at a reduced level of study, and to increase the intensity of study at six sites currently under evaluation.

Evaluation of Chicago's Citywide Community Policing Program

Northwestern University
Wesley G. Skogan
94-IJ-CX-0046

This project is continuing a long-term evaluation of Chicago's community policing program by monitoring implementation of the program, trends in program awareness and citizen involvement, public perceptions of the police, and the impact on the extent of crime and disorder problems.

Evaluation of Community Policing Project

Hagerstown (Maryland) Department of Police
Dale J. Jones
95-IJ-CX-0051

This project, conducted by researchers from Shippensburg University in Pennsylvania, assesses the implementation of the Hagerstown, Maryland, Police Department's community policing program, which was designed to reduce fear of crime and improve the quality of life for residents and merchants in two neighborhoods.

Evaluation of Community Policing in Tempe, Arizona

Institute for Law and Justice, Inc.
J. Thomas McEwen
95-IJ-CX-0090

This continuing evaluation considers how a police department changes, adapts, and sustains community policing over time in efforts that encompass the entire city.

Evaluation of Community Policing in Two Medium-Sized Cities

University of Illinois—Chicago
Dennis P. Rosenbaum
95-IJ-CX-0068

This evaluation assesses two types of initiatives: long-term organizational

efforts to implement community policing strategies on a citywide basis and new, multiagency efforts to reduce violence and fear in and around local schools.

Evaluation of the Dallas Police Department's Interactive Community Policing Program

University of Texas—Arlington
Charles H. Mindel

95-IJ-CX-0070

This evaluation examines the implementation of an Interactive Community Policing Model (ICPM) in Dallas, Texas; codifies and measures the ICPM; develops a replicable implementation technology; and assesses the effects of the ICPM on the community and the police department.

Evaluation of the Department of Transportation Regulation of Auto Parts Marking

Abt Associates Inc.
William Rhodes

96-IJ-CX-0018

This award evaluates the effectiveness of the parts-marking requirement of the Motor Vehicle Theft Law Enforcement Act of 1984, which was designed to prevent and deter auto theft, inhibit “chop shop” operations, and aid in the recovery of stolen vehicles.

Evaluation of the Effects of Fatigue on Police Patrol Officers and Their Relations With the Community

Police Executive Research Forum

Dennis Jay Kenney

96-IJ-CX-0046

This project is researching the ways in which police officers' hours of work affect job performance. It is also assessing related management and administrative strategies and procedures.

Everyday Perceptions of Disorder, Self-Protection Against Crime, and Community Policing

Regents of the University of California—Los Angeles

Jack Katz

95-IJ-CX-0078

This ethnographic study of five contrasting neighborhoods in the Hollywood area of Los Angeles describes the differences among the residents in their perceptions of disorder and fear of crime, personal strategies for avoiding risk, and definitions of community policing.

Examining the Transformation to Community Policing: Organizational Development Characteristics and Issues

Institute for Law and Justice, Inc.

Edward F. Connors

95-IJ-CX-0091

This evaluation examines the critical elements involved in making a successful transition from a traditional law enforcement agency to a community policing organization.

Facilitating Organizational Change: Shaping Philosophies Through Individual and Organizational Evaluations

University of South Carolina

Geoffrey P. Alpert

95-IJ-CX-0101

These evaluations assess the efforts of police officers and their departments, using input that focuses on the processes of policing in the community and the consequences of the actions taken by officers.

Fast Track Program Study: Tracking Nonviolent Juvenile Criminal Offenders

Bay City (Michigan) Police Department

Penny Phelps

96-IJ-CX-0072

This collaborative research between police officers and university professors is evaluating Fast Track, a youth offender program designed to prevent

repeat offenders from recycling through the criminal justice system.

Firearms and Violence: Juveniles, Illicit Markets, and Fear

President and Fellows of Harvard

David M. Kennedy

94-IJ-CX-0056

This project tests the feasibility of preventing juvenile gun violence through problem-solving policing focused on disrupting the illicit market in firearms and reducing juveniles' fear. It also assists the Boston Police Department in analyzing its juvenile gun problem and designing an intervention strategy.

First-Line Supervision in the Community Policing Context

Police Foundation

Earl Hamilton

94-IJ-CX-0044

This project provides empirical and theoretical articulation of the role of a first-line supervisor in a community policing context and will suggest methods of designing training, measuring performance, and providing managerial support.

Forging a Florida Law Enforcement Research Coalition

Florida State University

Anthony Pate

95-IJ-CX-0085

This award supports the Florida Law Enforcement Research Coalition, a coalition of law enforcement officials and planners and university faculty working to improve community policing efforts to reduce crime and improve the quality of life.

Forming a Research Partnership: Lansing Police Department and Michigan State University

City of Lansing

Timothy S. Bynum

95-IJ-CX-0093

This partnership between the Lansing (Michigan) Police Department and Michigan State University continues

evaluation activities and enhanced information dissemination that will be integrated into the department's community policing program.

Gang Activity in Orange County
Regents of the University of California—Irvine
Bryan Vila
96-IJ-CX-0030

This award supports a multiagency, regional, cooperative model for reducing gang and youth violence and increasing the understanding of the nature of gang involvement and the distribution of gang crime incidents in Orange County, California. The project includes evaluation and documentation of the model.

Geographic Information Systems Spatial Crime Analysis Application
Montgomery County (Maryland) Department of Police
Timothy Delaney
96-IJ-CX-A029

This award is supplying the Montgomery County Department of Police with equipment and training to implement a computer-assisted geographic mapping system that will enable the department to engage in spatial crime analyses.

Gun Density vs. Gun Type: Did More, or More Lethal, Guns Drive Up the Dallas Homicide Rate, 1978–1992
Crime Control Institute
Christopher Koper
94-IJ-CX-0038

This project tests three hypotheses on the relationship between gun type, gun availability, and homicide by exploring the effects of guns of varying lethality on urban homicide rates.

Handgun Intervention Program Evaluation
The Urban Institute
Jeffrey A. Roth
95-IJ-CX-0106

This study evaluates the Handgun Intervention Program in the 36th

District Court in Detroit, Michigan. The goal of the program is to prevent gun violence among defendants charged with carrying a concealed weapon.

Health Care Fraud Control in an Electronic Environment: Phase II
President and Fellows of Harvard
Malcolm K. Sparrow
96-IJ-CX-0010

This evaluation assesses the state of the art in fraud controls in the health care industry by examining the effects of electronic claims processing and the increased prevalence of managed care on patterns of fraud. Recommendations will be made for improving health care fraud controls.

Identification of Work and Family Services for Law Enforcement Personnel
Police Research Education Project
Elizabeth McGee
95-IJ-CX-0113

This project identifies the work and family stress factors in police officers' lives and the programs provided to assist them. It also surveys a national sample of law enforcement agencies to determine the availability and success of such programs.

Identifying Correlates of Police Deviance: An Empirical Study of Police Corruption and Brutality in New York (1975–1996)
Temple University
Jack R. Greene
96-IJ-CX-0053

This award supports a longitudinal study of New York City police officers who resigned or were dismissed because of corruption or brutality from 1975 through 1996. The study describes these officers in terms of individual, organizational, and community characteristics and identifies the managerial, operational, and scholarly implications.

Identifying Strategies to Market Community Policing
Indiana University—Bloomington
Steven Chermak and Alex Weiss
96-IJ-CX-0078

This project examines the strategies police departments use to market their community policing efforts and their success rate and explores the role of the news media in publicizing community policing.

Impact of Charleston, West Virginia, Community-Oriented Policing
Marshall University Research Corporation
Girmay Berhie
96-IJ-CX-0063

This partnership is studying the impact of community policing in Charleston, West Virginia, on business owners, low-income housing residents, other city residents, and police personnel.

Impact of Community Policing Training and Implementation on Police Personnel
Arizona State University
Robin Haarr
96-IJ-CX-0060

This project is evaluating the extent to which the Phoenix Regional Police Training Academy's program produces desired changes in officers' attitudes, perceptions, beliefs, and behaviors related to community policing philosophies and strategies, problem-solving techniques, and multicultural awareness.

Impact Evaluation of the Weed and Seed Program
Abt Associates Inc.
Terence Dunworth
95-DD-BX-0134

This impact evaluation is assessing outcomes of the Weed and Seed program in eight sites using a multimethod approach.

Implementing Community Policing in Los Angeles: A Partnership Between the LAPD, UCLA, and USC Training Research Corporation
Edward Smith

95-IJ-CX-0060

This project establishes a partnership between the Los Angeles Police Department and the city's two largest research universities to test whether the implementation of community policing can be accelerated by feeding data into the organization at strategic points and whether such a partnership can be a catalyst in transforming a large and complex police agency.

Increasing the Effectiveness of Rural Police Departments

Alfred University
William Hall

95-IJ-CX-0080

Alfred University and two neighboring towns are conducting a field study to determine how the police departments in the towns can more effectively and efficiently provide services to their communities by using community policing strategies and sharing programs and resources.

Integrating Community Policing into the San Diego Regional Law Enforcement Training Center Curriculum

San Diego Police Department
Donna Warlick

95-IJ-CX-0065

This project enables the San Diego Police Department to analyze the Training Center curriculum, develop modifications that incorporate community policing and problem solving as a common theme, train instructors in the modifications, and evaluate the outcome.

Intervention for Elementary School Children Exposed to Community Violence

Howard University
Hope Hill

95-MU-MU-0026

This project, cofunded with the Office of Juvenile Justice and Delinquency Prevention, supports an initial evaluation of a culturally appropriate, multilevel, after-school intervention designed to reduce children's likelihood of experiencing the negative psychological effects of violence and engaging in violent behavior.

Investigative Function in the Community Policing Context

Police Executive Research Forum
Mary Ann Wycoff

96-IJ-CX-0081

The study describes existing models for integrating investigations into community policing. A survey of departments examines, among other issues, detectives' roles in community policing. Site visits are being made to promising departments and recommendations formulated for effective integration practices.

Joint Police and Social Services Response to Abused Elders

Victim Services, Inc.

Bruce Taylor

95-IJ-CX-0061

This evaluation, conducted in cooperation with the New York Police Department, examines a joint community policing and social service response to elder abuse.

Joint Research Partnership for Community-Oriented Policing

St. Louis University

James F. Gilsinan

95-IJ-CX-0062

This collaborative project between the university and the St. Louis Metropolitan Police Department examines the commitment of first-line supervisors to a community-oriented policing approach and develops criteria for

recognizing and rewarding activity that results from this approach.

Locally Initiated Research on Community Policing Initiatives in Jefferson County, West Virginia: Process and Outcome Evaluation

Jefferson County (West Virginia)
Coalition on Substance Abuse

Diane C. McCoy

95-IJ-CX-0088

This award continues research into the behaviors and perceptions of uniformed and civilian State law enforcement officials toward community-oriented policing. The research includes an examination of the impact of technological enhancements on the operations and management of small rural police forces.

Locally Initiated Research: Developing and Expanding Problem-Solving Partnerships in Jersey City

Jersey City (New Jersey) Police
Department

Frank Gajewski

95-IJ-CX-0076

This partnership between the Jersey City Police Department and the Center for Crime Prevention Studies at Rutgers University addresses community policing issues in 32 neighborhood improvement districts.

Locally Initiated Research Partnership: Framingham, Massachusetts, Police Department and Social Science Research and Evaluation, Inc.

Social Science Research and
Evaluation, Inc.

Robert Apsler

96-IJ-CX-0070

This award establishes a partnership between a police department and a research organization to assess an innovative program in which victims who have taken out restraining orders receive cellular phones to contact police in an emergency.

Measuring and Analyzing Crime Patterns and Trends with Geographic Information Systems (GIS)

John Jay College of Criminal Justice and Research Foundation of the City University of New York

John Mollenkopf
95-IJ-CX-0103

This collaborative project between the New York Police Department and two City University of New York research centers improves analysis and evaluation techniques to increase understanding of crime incidence and control dynamics.

Meeting the Needs of Racine Citizens: Evaluation of a Community Policing Program

University of Wisconsin—Parkside
Helen Rosenberg

96-IJ-CX-0093

Residents, business owners, politicians, educators, social service personnel, and police are partners in this systematic study of the impact of community policing in Racine, Wisconsin.

National Assessment of Community Policing Training

Institute for Law and Justice, Inc.

J. Thomas McEwen

94-IJ-CX-0042

This project assesses the nature, quality, and scope of training in community policing through indepth telephone interviews and a national mail survey of a representative sample of police chiefs, sheriffs, and training academy directors.

National Evaluation of the Youth Firearm Violence Initiative

Abt Associates Inc.

Terence Dunworth

95-IJ-CX-0069

This evaluation of the Youth Firearm Violence Initiative, sponsored by the Office of Community-Oriented Policing Services, is describing the strategies being implemented by various sites, assessing what factors contribute to the program's success or failure, and

identifying which strategies can be transferred to other jurisdictions.

National Study of Delinquency Prevention in Schools

Gottfredson Associates, Inc.

Gary D. Gottfredson

96-MU-MU-0008

This research is describing the prevalence of different types of school-based delinquency prevention programs and evaluating the implementation of such programs.

Organizational Change and Leadership: Conditions and Strategies for Creating a Culture of Community Policing

President and Fellows of Harvard

Mark Moore

95-IJ-CX-0059

This evaluation determines what internal and external organizational conditions and what leadership and management techniques facilitate change. The researchers are developing hypotheses to be tested in future research.

Orienting Overview on Broken Windows, Disorder, and Decline

Temple University

Ralph B. Taylor, NIJ Visiting Fellow

96-IJ-CX-0067

This award supports secondary analyses of various data sets to determine the extent to which specific types of social and environmental disorder—apart from community demographics, crime, and residents' individual characteristics—affect fear and neighborhood commitment.

Partners for Prevention? Obstacles to Police-Community Cooperation in Problem Solving

Northwestern University

Wesley G. Skogan

95-IJ-CX-0056

This project evaluates Chicago's community policing effort and the impact of its problem-solving strategies.

Partnership Against Crime: University of Maryland and Prince Georges County Police Department

University of Maryland—College Park
Lawrence W. Sherman

96-IJ-CX-0080

This partnership between the University of Maryland and the Prince Georges County Police Department is modeled after the New York Police Department's COMSTAT program. The project's goal is to promote intensive review of local crime patterns by top police commanders and establish clear accountability for response to those patterns.

Partnership for Research in Community Policing Strategies in a Rural County and Three Small Cities

University of South Alabama

Robert Galbraith

95-IJ-CX-0072

This project is a demonstration of the mutual value of research, evaluation, and program development partnerships between small and rural law enforcement agencies and the faculty of a local urban university.

Perceptions of Police Accountability in Citizen Complaints

Sam Houston State University

Kenneth Adams

96-IJ-CX-0077

This research examines citizen complaints in detail, including the process citizens use in deciding to make a complaint, the experiences of citizens with the process, areas of satisfaction and dissatisfaction with the process, and findings across jurisdictions.

Police-Academic Partnership for Evaluation and Research

University of Virginia

Janet Warren

96-IJ-CX-0044

This award supports an interactive, shared information system to conduct research on workplace violence in three police jurisdictions.

Police-Community Initiatives for Effective Law Enforcement

North Carolina Central University
Harvey L. McMurray

93-IJ-CX-K023

This project follows the development of a cooperative, rural community policing program in Beaufort and Columbus counties, North Carolina, for a better understanding of how to organize and establish similar operations in other multicounty, rural areas.

Police and the Community: National League of Cities Search for Excellence in Community Policing

National League of Cities Institute
William B. Whiteside

95-IJ-CX-0064

This project is identifying promising programs, activities, and best practices that show collaborative problem solving between law enforcement and the community and that demonstrate community awareness and perceptions of community policing.

Police-Researcher Partnerships: Building the Infrastructure for Effective Program Evaluation

Justice Research and Statistics Association

Joan C. Weiss

96-IJ-CX-0006

This award helps to link local police departments with researchers at local or regional universities and at State Statistical Analysis Centers to create partnerships that will foster an environment for opportunistic, locally initiated research on innovative policing strategies.

Police Response to Emotionally Disturbed Persons: Analyzing New Models of Police Interactions With the Mental Health System

Policy Research Associates

Henry J. Steadman

96-IJ-CX-0082

This case study analysis seeks to determine best practices used by police in response to

emotionally disturbed persons by defining the strengths and weaknesses of three different approaches.

Policing on American Indian Reservations

President and Fellows of Harvard
Francis Hartmann

95-IJ-CX-0086

This 18-month project works with American Indian tribes to discover what policing strategies are and are not working, why they seem to be working or not, and how tribes and private and public agencies concerned with the welfare of American Indian communities might apply the findings.

Policing Local Illicit Gun Markets

Carnegie Mellon University

Jacqueline Cohen

95-IJ-CX-0075

This project, a partnership between a local research institution and the Pittsburgh police, examines the nature of local gun markets, particularly the sources of guns to juveniles, and assesses the effectiveness of law enforcement and investigatory strategies directed against these markets.

Population-Based Monitoring of Firearm Violence: Georgia United Notification System

Emory University

Arthur L. Kellermann

95-IJ-CX-0025

This award supports development of a data surveillance system for police investigators that integrates information on nonfatal gunshot injuries from police reports, health care providers, and hospital emergency rooms in the Atlanta area.

Preventing Crime: A Critical Assessment

University of Maryland—College Park

Lawrence W. Sherman

96-MU-MU-0019

This award supports a group of distinguished criminologists to synthesize

research and evaluation findings on crime prevention—what works, what doesn't work, and what looks promising.

Problem-Oriented Policing In a State Police Agency: A Demonstration and Evaluation

State University of New York—Albany,
Research Foundation

Hans Toch

93-IJ-CX-K013

This collaborative project applies the philosophy of problem-oriented policing to a State police agency to demonstrate to agencies nationwide that they can achieve significant benefits by using a local research and development capability.

Problem-Solving Study: An Examination of Efforts Aimed at Impacting Crime and Disorder Problems

Rana Sampson, NIJ Visiting Fellow

94-IJ-CX-K008

This project collects, studies, and describes successful problem-solving efforts of police and community members.

Process Evaluation of Title I of the Violent Crime Control Act of 1994

The Urban Institute

Jeffrey A. Roth

95-IJ-CX-0073

This project evaluates the progress made and problems encountered through implementation of Community Oriented Policing Services (COPS) under Title I of the 1994 Crime Act. The evaluation includes site visits to 60 locations and a national survey of 1,800 police executives.

Process Evaluation of Title XVIII of the Violent Crime Control Act of 1994

The Urban Institute

Jeffrey A. Roth

95-IJ-CX-0111

This evaluation analyzes the impact that the Crime Act's bans on semi-automatic assault weapons and large-capacity ammunition magazines have had on violent crime and drug trafficking.

Proposal to Integrate Objective Performance Evaluation into Community Policing

Boston Police Department

James T. Jordan

95-IJ-CX-0063

This two-stage project seeks to create an effective program for ongoing evaluation of the Boston Police Department's community policing strategy and is conducting two projects to assess the progress of neighborhood policing.

Public Acceptance of Less-Than-Lethal Technologies

Institute for Law and Justice, Inc.

J. Thomas McEwen

93-IJ-CX-K012

This study assesses public reaction to the use of new less-than-lethal weapons and related technologies by law enforcement personnel.

Reducing Disorder, Fear, and Crime in Public Housing: An Evaluation of an Advanced Stage Drug Crime Elimination Program

Washington State University

Quint Thurman

96-IJ-CX-0074

Reclaiming Our Area Residents (ROAR) is an ongoing public housing drug elimination program sponsored by the Spokane (Washington) Housing Authority and the Spokane Police Department. This study examines the program's impact on community revitalization.

Reducing Firearms Crime and Injuries: Interdicting Guns and Bullets

Indianapolis, Office of the Mayor

Craig Fishburn

95-IJ-CX-0019

This project tests several strategies to encourage gun safety and reduce gun carrying and gun violence.

Reducing Repeat Victimization of Residential Burglary

Police Executive Research Forum

John Stedman

96-IJ-CX-0042

Researchers are working with police to analyze burglary patterns and develop appropriate interventions using a problem-solving model and situational crime prevention techniques.

Reporting and Nonreporting of Racially Motivated Hate Crimes in Robeson County, North Carolina: A Case Study

North Carolina Central University

Alice J. Mayer

95-IJ-CX-0116

This project explores the factors that influence the reporting and nonreporting of racially motivated hate crimes in Robeson County, North Carolina.

Research Partnership Between the Lexington Division of Police and Eastern Kentucky University

Lexington/Fayette Urban County

Government

Larry Gaines

95-IJ-CX-0048

This project establishes a research partnership to support one initial research project, plan a second one, and establish a system within the Division of Police for soliciting, prioritizing, and supervising subsequent research projects. The second project will evaluate the police department's move toward more geographically based deployment in support of community policing.

Restructuring the Role of Police Sergeants by Identifying the Character Traits Associated With Success

City of Baltimore

Joseph R. Bolesta

96-IJ-CX-0086

This project is identifying and categorizing the characteristics of sergeants who have demonstrated excellence in performance and in the fulfillment of their roles as leaders in the agency and the community.

Role of Local Law Enforcement in Controlling Illegal Immigration and Other Transnational Crimes

Georgetown University

William McDonald, NIJ Visiting

Fellow

95-IJ-CX-0110

This project studies State and local law enforcement efforts against transnational crime, including illegal immigration, street crime committed by illegal immigrants, organized crime initiated outside U.S. borders, and immigrant involvement in the drug trade.

State and Local Participatory Evaluation of the Safe Neighborhoods Program

Connecticut Statistical Analysis Center

Dolly Reed

95-IJ-CX-0107

This project supports the evaluation of the Connecticut Safe Neighborhoods Program, which provides funds to establish and administer police substations in high-crime areas.

Street-Level Policing in Cincinnati: Community and Traditional Policing and Citizens' Perceptions

University of Cincinnati

James Frank

96-IJ-CX-0075

This study examines the workload of neighborhood and patrol officers, police-citizen interactions involving both types of officers, attitudes of officers toward

community policing, the perceived impact of this neighborhood-level strategy on officer workload, and citizen knowledge of police efforts over a 12-month period.

Technical Assistance for the Birmingham Breaking the Cycle Program
Fund for the City of New York

Eric Lee
96-IJ-CX-0050

This award provides technical assistance for development of an electronic management information system for the Birmingham, Alabama, Breaking the Cycle demonstration. The demonstration tests arrestees for drug use, offers treatment, and imposes sanctions to examine the effects on levels of drug use and criminal behavior.

Two-Stage Model of Change: Madison Police Department

Police Executive Research Forum
Mary Ann Wycoff
95-IJ-CX-0087

This evaluation examines and documents the Madison (Wisconsin) Police Department's implementation of the second stage of a two-stage model of the transition to community policing.

Use of Force By and Against Police

Joint Centers for Justice Studies
Joel Garner
95-IJ-CX-0066

This project builds upon prior NIJ-funded research on police use of force in Phoenix, Arizona, by surveying arresting officers in four cities regarding the nature of force used and the nature and circumstances of the arrest.

Using Traffic Barriers to Design Out Crime

California State University—Fullerton Foundation
Stuart A. Ross
96-IJ-CX-0009

This evaluation assesses a police-sponsored Crime Prevention Through Environmental Design program in which permanent traffic barriers were

placed in two South Central Los Angeles neighborhoods to reduce crime and allay resident fears.

Vermont Incident-Based Crime Analysis and Mapping: Developing Research Capabilities for Problem-Oriented Policing

Vermont Center for Justice Research
William Clements
95-IJ-CX-0037

This project analyzes data on offender and offense relationships using new technologies in geographic information systems to analyze data spatially and visually.

◆ **Intramural Projects**

The following research is being conducted by NIJ staff:

Crime Prevention Through Design: The Case of the Washington, D.C., Metro

Nancy G. La Vigne
This research analyzes crime data from the Washington, D.C., Metro transit police, municipalities served by Metro, and other subway systems to test two questions: (1) Is the Washington, D.C., Metro safer than expected, given what is known about crime rates on other subway systems and those outside the systems? (2) Are Metro's low crime rates explained by the design, management, and maintenance of the system?

Equalizing Penalties for Crack and Powdered Cocaine: The Minnesota Experience

Jordan Leiter and Angela Moore-Parmley
This research compares the disposition and length of sentence for defendants charged with crack and powder cocaine offenses in Hennepin and Ramsey Counties before and after sentencing guidelines were enacted to equalize the penalties for these types of offenses.

Journey to the Chop Shop: Spatial Interactions Between Auto Theft Sites and the Location of Chop Shops

Nancy G. La Vigne and James L. LeBeau
Using geocoded data, researchers are developing a model of the spatial relationship between the location of stolen and recovered cars and the location of chop shops to test law enforcement's ability to predict chop shop sites.

National Survey of Police Departments' Use of Computerized Crime Mapping

Cynthia Nahabedian, Nancy G. La Vigne, and Seth Flanders
This project is determining the extent to which police departments use computerized crime mapping, the ways in which it is used, and the types of hardware and software used.

Optimal Use of Multiple Methods of Drug Testing

Pamela K. Lattimore
A variety of technologies can now detect illegal drug use, and for each technique (for example, urinalysis and hair analysis) specimen collection involves different costs and response times. This project is developing methods for determining when and how to use different types of drug tests.

Relationship Between Crime and Restructuring of Public and Subsidized Housing, Controlling for Situational, Neighborhood, and Structural Economic Factors

Jordan Leiter, Nancy G. La Vigne, and Angela Moore-Parmley
Researchers are assessing the impact on crime of various restructuring initiatives in public and subsidized housing, including physical features of the housing, while controlling for neighborhood characteristics and economic factors.

Repeat Victimization in Residential Burglary

Richard Titus

This research is using segment-level analysis of burglary in the National Crime Victimization Survey (NCVS) to determine whether one housing unit in the segment is disproportionately victimized during the 3 years the segment is in the NCVS sample and in the 6 months following a burglary.

Shelter Availability and Murder and Nonnegligent Homicide Rates

Bernard Auchter and

Stephanie Bourque

This research examines the possible relationship between the availability of shelter beds for victims of domestic abuse and the rate of murder and nonnegligent manslaughter. For example, when fewer beds are available in shelters for battered women, are more women murdered by their domestic partners?

◆ Research Applications Contract Projects

Abt Associates Inc.

Joan Mullen

OJP-C-94-007

Chicago's Safer Foundation: A True Road Back for Ex-offenders

This report, cofunded with the National Institute of Corrections and the Office of Correctional Education at the U.S. Department of Education, discusses implementation and replication issues of Safer Foundation, which runs a private school in the Cook County jail and operates a work release center that provides extensive educational and employment readiness programs.

Employment Clearinghouse for Former Offenders

This report, cofunded with the National Institute of Corrections, describes a partnership between Washington State's Department of Corrections and

Department of Employment Security that coordinates employment services for former offenders, including training in job readiness, job seeking, and employment retention.

Florida's Automated Risk Classification System for Probationers

NIJ researchers have developed a statistical model for assessing risk and needs to better target the level of supervision each probationer needs. This report describes in lay terms how the automated pilot program worked.

Life Skills Programs: Delaware, Nebraska, and Other Sites to Be Determined

This series of reports, cofunded with the U.S. Department of Education, describes instructional programs in correctional settings designed to help inmates succeed once released. Program implementation, obstacles and opportunities, and specific program elements, such as literacy, financial management, parenting, and anger control, are described.

Texas' Project RIO (Re-Integration for Offenders)

Project RIO helps former inmates find gainful employment and involves close collaboration between the Texas Workforce Commission, the Texas Department of Criminal Justice, and Windham School District. The report, cofunded with the National Institute of Corrections, highlights the program's effectiveness, describes how it works, and discusses implementation and replication issues.

Criminal Justice System

◆ Extramural Research

Analysis of the Factors Affecting the Clearance of Homicides

Justice Research and Statistics Association

Joan C. Weiss

96-IJ-CX-0047

This multisite study analyzes factors affecting the clearance of homicides in police departments in several major cities to offer guidance on the extent to which clearance rates are useful in measuring police performance.

Analysis of Global Database on Crime and Criminal Justice

Robin W. Burnham, NIJ Visiting Fellow

97-MU-CX-0002

This project is reviewing the history and development of the five waves of the United Nations Crime Survey, assessing its weaknesses and strengths, and developing recommendations to address specific concerns of member nations.

Boot Camps and Their Impact on Confinement Populations

Abt Associates Inc.

Dale Parent

96-SC-VX-0005

This study assesses the extent to which boot camps can achieve the goal of accelerating the release of nonviolent offenders, thereby generating bed space for the confinement of more violent offenders. Information on all 44 federally funded boot camps is being collected and 4 will be given intensive analysis.

Collaborative Development of Individual Discharge Planning for Incarcerated Women

University of Rhode Island

Kathryn Quina

96-CE-VX-0012

This project is determining the extent to which an intensive discharge planning

process improves psychosocial functioning and reduces the risk of recidivism for incarcerated women.

Community Policing Strategies: First National Survey Update
Macro International, Inc.
Billy Jones
96-IJ-CX-0045

This award updates and enhances the information about community policing collected in a 1993 Police Foundation survey to help identify the strategic and tactical changes occurring in policing and to describe the factors that underlie the changes.

Correctional Boot Camps for Juveniles: A Proposal for a Multisite Study
University of Maryland—College Park
Doris MacKenzie
96-SC-LX-0001

This study examines the conditions of confinement at 27 juvenile boot camps and measures and compares participant outcomes, such as the juveniles' performance during community supervision.

Crime and Justice Thematic Volume on Prisons
Castine Research Corporation
Michael Tonry
96-CE-VX-K001

This award supports the development of essays to be collected in a thematic volume on prison issues for the Crime and Justice series.

Data Collection and Communication: An Implementation Guide
National Center for State Courts
Susan Keilitz
96-WT-NX-0002

This study expands the national evaluation of the Office of Justice Programs' STOP (Services, Training, Officers, Prosecutors) grants to thoroughly analyze their experiences with data collection and communication systems to enable future development,

implementation, and standardization of data collection and communication systems.

Developing an Internet Model for Cross-National Information Sharing and Dissemination
Sergey S. Chapkey, NIJ Visiting Fellow
95-IJ-CX-0033

This project further develops the Institute's cross-national information sharing and dissemination capabilities.

Development of Guidelines for Using Psychological Test Results to Help Combat Corruption in Law Enforcement Organization
Defense Personnel Security Research Center
Howard Timm
96-IJ-CX-A056

This project is developing a comprehensive manual on the findings and recommendations from the first major national study on the psychological dimensions of police corruption.

Dispensing Justice Locally: An Analysis of the Impacts, Costs, and Benefits of the Midtown Community Court
Fund for the City of New York
Michele Sviridoff
96-IJ-CX-0019

This evaluation of the Midtown (Manhattan) Community Court expands the assessment of the court's impact on quality-of-life offenses, recidivism, and jail displacement and includes a cost-benefit analysis.

Domestic Violence and Sexual Assault Data Systems in States
Justice Research and Statistics Association
Stan Orchowsky
96-IJ-CX-0057

This award continues and expands upon a study of the databases being used by States to collect information on domestic violence and sexual assault.

Drug Monitoring in Criminal Justice Management Applications
Orleans Parish District Attorney
Tom Mieczkowski
96-IJ-CX-0001

This project is testing a criminal justice population for exposure to illicit drugs using an ion mobility spectrometer. The project includes an evaluation of the feasibility of integrating this technology into current drug-testing protocols of urinalysis and hair assays.

Drug Testing for Youthful Offenders on Parole: An Experimental Study
California Youth Authority
Rudy Haapanen
91-IJ-CX-K023

This study compares the effects of different levels of routine, unscheduled drug testing on criminality and parole adjustment among young adult offenders on parole supervision.

Effect of Correctional Resources on the Sentencing of Male and Female Defendants in Minnesota
Florida International University
Lisa Stolzenberg
96-CE-VX-0008

This study examines gender-specific trends in sentencing in Minnesota and whether judicial decisionmaking and sentence severity are influenced by the differences in prison crowding in men's and women's prisons.

Effects of Court Dispositions on the Likelihood of Rearrest for Domestic Violence Arrestees in Cincinnati
University of Cincinnati
John Wooldredge
95-IJ-CX-0102

This project assesses the effectiveness of pretrial detention, conviction, or jail sentences for preventing and delaying further domestic violence by suspects arrested for misdemeanor domestic violence in Cincinnati, Ohio.

Effects of Procedural Justice in Spouse Assault: A Reanalysis of the Milwaukee Domestic Violence Experiment

University of Maryland—College Park
Raymond Paternoster
96-IJ-CX-0058

This award supports secondary analysis of the NIJ-funded Milwaukee Domestic Violence Experiment to contribute to understanding of the deterrent effect of issuing a warning to a suspected abuser versus arresting the suspect.

Enhancing the Evaluation Outcomes of Innovative Boot Camp Programs

Southern Illinois University
Tom Castellano
94-IJ-CX-0019

This project explores the factors associated with the implementation and development of innovative correctional boot camps and examines program impacts on such offender traits as self-esteem and problem-solving skills.

Estimating the Costs and Benefits of Mandatory Sentencing Laws

RAND Corporation
Peter Greenwood
95-IJ-CX-0099

This project assesses the potential costs and benefits of three-strikes-and-you're-out and similar mandatory sentencing laws to help administrators plan for their implementation and help public officials and the general public better understand them.

Evaluation of the Bureau of Justice Assistance's Correctional Options Demonstration Program

National Council on Crime and Delinquency
James F. Austin
95-DD-BX-K009

This award supports continued evaluation of cost-effective alternatives to traditional incarceration. Fifteen sites that operate boot camps and other intermediate sanctions programs are being evaluated.

Evaluation of the Client Management Classification System

Sam Houston State University
Billy C. Covington and Jennifer D. Frisbee, Graduate Research Fellows
96-IJ-CX-0037

Using the logic of fuzzy set theory, this project is assessing the degree to which a client management classification system succeeds in placing offenders in appropriate supervision categories and compares the classification system performance across gender and racial groups.

Evaluation of a Coordinated Community Response to Domestic Violence

Applied Research Associates
Stan Orchowsky
95-WT-NX-0004

This evaluation assesses the effectiveness of the Alexandria (Virginia) Domestic Violence Intervention Project, which combines a mandatory arrest policy with a no-drop prosecution strategy, court-mandated treatment for batterers, and services for battered women, such as emergency shelter, counseling, and court advocacy.

Evaluation of the District of Columbia Superior Court Drug Court Intervention Program

The Urban Institute
Adele Harrell
94-IJ-CX-K011

This award supports process and impact evaluations and cost-benefit analysis of two treatment strategies associated with the D.C. Drug Court Intervention Program.

Evaluation of the Development and Implementation of Virginia's Sentencing Law

National Center for State Courts
Brian Ostrom
96-CE-VX-0005

This project provides the first systematic examination of the implementation of Virginia's new no-parole, truth-in-sentencing laws implemented in 1995.

Evaluation of Florida's Residential Drug Treatment and Prison Diversion Program

Richard L. Linster, NIJ Visiting Fellow
96-CE-VX-0010

As Florida's prison admissions have decreased, commitments to residential drug treatment programs have grown. This project assesses the impact of these programs in terms of recidivism and costs and benefits.

Evaluation of Los Angeles County Juvenile Drug Treatment Boot Camp

California State University—San Marcos
Sheldon Zhang
96-SC-VX-0003

This study evaluates the Los Angeles County Drug Treatment Boot Camp Program to assess postprogram drug use, determine whether postrelease criminal behavior is reduced, and identify the characteristics of successful graduates.

Evaluation of a Metropolitan Area DWI Night Court

New Mexico State University
L. Thomas Winfree, Jr.
96-IJ-CX-0022

This evaluation measures the effects of a specialized Driving While Intoxicated (DWI) night court on recidivism rates, changes in attitudes and self-reported behaviors, court operations, the local criminal justice community, the local legal community, and other interest groups.

Evaluation of North Carolina's Structured Sentencing Law

Research Triangle Institute
James Collins
96-CE-VX-0013

This project examines the impact of North Carolina's structured sentencing law and the implications for sentencing legislation, guidelines, structures to support sentencing reform, resource needs, and correctional program development.

Evaluation of OJP FY95 Boot Camp Planning Grants

National Council on Crime and
Delinquency
Sandra Tunis
96-SC-VX-0004

This national study focuses on the boot camp planning grants awarded by the Office of Justice Programs' Corrections Program Office in fiscal year 1995 and examines barriers to achieving planning and implementation goals and characteristics that lead to successful planning and implementation.

Executive Seminar Series on Sentencing and Corrections

University of Minnesota
Michael Tonry
97-MU-MU-K006

This project is holding five seminars involving researchers and practitioners with expertise in sentencing and corrections to identify significant issues and discuss how those issues can be addressed through sentencing policies and correctional practices.

Extent and Nature of Sexual Victimization of College Women

University of Cincinnati
Bonnie Fisher
95-WT-NX-0001

This project collects data from a national sample of women enrolled at postsecondary institutions in the United States, using structured telephone interviews to obtain incident and victimization data.

Factors Related to Domestic Violence Court Disposition in a Large Urban Area: The Role of Victim-Witness Reluctance

University of Cincinnati
Joanne Belknap
96-WT-NX-0004

The purpose of this study is to determine which factors influence judicial and prosecutorial decisionmaking in domestic violence cases and which factors influence victim-witness

reluctance in bringing batterers to successful adjudication.

Family Violence: Building a Coordinated Community Response

American Medical Association
Larry S. Goldman
96-IJ-CX-0029

This grant supports planning and assessment of the first two of five regional conferences on family violence being cosponsored by the American Medical Association in conjunction with other national organizations and Federal agencies.

Forging a Florida Correctional Research Coalition

Florida State University
Gordon Waldo
96-CE-VX-0007

This award supports the creation of the Florida Correctional Research Coalition (FCRC), a partnership between the School of Criminology and Criminal Justice at Florida State University and the Florida Department of Corrections.

HIDTA Seamless System for Drug- Involved Offenders: A Random- ized Multicenter Evaluation

University of Maryland—College Park
Faye S. Taxman
96-CE-VX-0017

This project evaluates the efforts of eight Maryland counties to increase prison space for violent offenders by integrating drug treatment and surveillance for nonviolent felons.

Identifying Effective Correctional Programs for Female Felony Offenders

Michigan State University
Timothy S. Bynum
96-IJ-CX-0021

This project is evaluating two innovative community programs for female offenders.

Impact of Criminal and Juvenile Justice System Policies and Practices

University of Illinois—Chicago
David E. Olson, Graduate Research
Fellow
96-IJ-CX-0014

This project examines the impact that social and criminal justice policies have had on specific types of crime over the past 12 years in all 102 Illinois counties.

Impact Evaluation of STOP Grant Programs for Reducing Violence Against Women Among Indian Tribes

University of Arizona
Eileen M. Luna
96-WT-NX-0006

This project evaluates the impact of the programs for women among Indian tribes supported by the Office of Justice Programs' STOP (Services, Training, Officers, Prosecutors) Violence Against Women grants. The goal of the programs is to expand understanding of the cultural and legal context of reducing violence against women among Indian tribes.

Impact Evaluation of STOP Grants Law Enforcement and Prosecution

Institute for Law and Justice, Inc.
J. Thomas McEwen
96-WT-NX-0007

This project involves an impact evaluation at 8 to 10 sites under the Law Enforcement and Prosecution purpose area of the Office of Justice Programs' STOP (Services, Training, Officers, Prosecutors) formula grants. The evaluation addresses a cross-section of various local activities, including training for law enforcement officers and prosecutors, police and prosecution policies, and programs that address stalking.

Impact Evaluation of Victim Services Programs: STOP Grants Funded by the Violence Against Women Act

American Bar Association

Barbara Smith

96-WT-NX-0003

This project evaluates the first 2 years of Office of Justice Programs' STOP (Services, Training, Officers, Prosecutors) Violence Against Women grants awarded to victim services programs for work in the areas of sexual assault, domestic violence, and stalking.

Impact of Managerial Style on the Colombian Distribution of Cocaine to the Wholesale Level

City University of New York,

Research Foundation

Joseph R. Fuentes,

Graduate Research Fellow

96-IJ-CX-0035

This project examines the organization and operation of wholesale cocaine dealing, including distribution, marketing, and the role of wholesalers; disciplinary tactics used for delinquent payments, broken transactions, and other violations; and adaptive responses to law enforcement operations such as interdiction, eradication, and money laundering investigations.

Impact of Mandatory Minimum Sentences on Felony Case Processing

National Center for State Courts

John Goerd

94-IJ-CX-0040

This study examines the impact of two sentencing trends—mandatory minimum sentences for first-time drug offenders and mandatory minimum sentence enhancements for habitual offenders—on trial rates, backlog, delay, and conviction rates.

Impact of Truth-in-Sentencing Reform in Massachusetts

Massachusetts Committee on

Criminal Justice

Francis J. Carney

96-CE-VX-0011

This project examines the impact of sentencing guideline reforms on judicial decisionmaking and on criminal justice resources.

Implications for Corrections of the Community Movement in Criminal Justice

Rutgers, The State University of

New Jersey

Todd R. Clear, NIJ Visiting Fellow

96-IJ-CX-0004

This project addresses a variety of issues related to the role of local communities in correctional responses to crime and justice, including the theoretical implications of local justice and the practical and strategic aspects of the local justice concept of community safety.

Improving Alien Adjudication and Pretrial Release Procedures

Vera Institute of Justice, Inc.

Christopher E. Stone

95-IJ-CX-0034

This award supports the design and implementation of a demonstration program to increase the effectiveness and efficiency of adjudication and pretrial release procedures for aliens.

Indian Country Justice Initiative Evaluation Plan

Arizona State University

Carol Lujan

96-IJ-CX-0097

This project evaluates the Department of Justice's Indian Country Justice Initiative, which is designed to improve the responsiveness of the Department of Justice to the criminal justice needs of Native Americans.

Indianapolis Management Accountability Program: A Collaboration Between the Indianapolis Police Department and Indiana University

Indiana University—Bloomington

Alexander Weiss

96-IJ-CX-0092

Through this award, a team of university researchers and police officials are evaluating the Indianapolis Police Department's management accountability program and enhancing the Department's crime analysis capacity.

Influence of Court, Prosecutor, and Defense Resources on Felony Adjudication Procedures and Interagency Coordination of Felony Case Processing

National Center for State Courts

John Goerd

94-IJ-CX-0003

This project examines court, prosecutor, and defender resources; case management procedures; and methods of interagency coordination and their impact on the pace and outcomes of felony adjudication in 10 large urban jurisdictions.

John B. Pickett Fellowship in Criminal Justice Policy and Management

President and Fellows of Harvard

Susan Michaelson

92-IJ-CX-0012

This award provides full tuition, fees, and related expenses for students pursuing a 1-year master's degree in public administration. It also helps career professionals who want to expand their knowledge of criminal justice policy and management.

Linguistic Methods for Determining Document Authorship

Carole E. Chaski, NIJ Visiting Fellow

95-IJ-CX-0012

This project is developing, demonstrating, and testing a technique that uses the language of a document to provide evidence of an author's identity.

Local Impact of Violent Offender and Truth-in-Sentencing Legislation: How Probation and Community Corrections Respond

RAND Corporation

Peter Greenwood

96-CE-VX-0001

This project assesses the impact of violent offender and truth-in-sentencing legislation in six selected counties and examines major sentencing structures, the role of counties in drafting and passing violent offender and truth-in-sentencing legislation, the changes in local jail and probation policies and practices, and the costs and benefits of this type of reform.

Managing Felons in Los Angeles County

RAND Corporation

Joan Petersilia

96-CE-VX-0018

This project explores the impact of State sentencing initiatives on county corrections by examining how felons are sanctioned and managed in Los Angeles County and the consequences of such sanctions in terms of public safety and costs.

Models of Community Coordination in Response to Partner Violence

State University of New York—Albany, Research Foundation

Alissa Worden

95-WT-NX-0006

This evaluation complements an ongoing analysis of the impact of legislated reforms in family violence cases in New York State and develops a typology of community coordination models.

Multisite Evaluation of Second Generation Sentencing Commissions

Abt Associates Inc.

William Rhodes

96-CE-VX-0016

This award supports a study of four sentencing commissions to determine the

various effects of sentencing guidelines. Specific areas being studied include dispositional disparity, durational disparity, variations in effects among States, and changes in the size and composition of prison populations.

National Evaluation of the Violence Against Women Act Grants

The Urban Institute

Martha Burt

95-WT-NX-0005

This project continues documentation of the range of programs funded by the Law Enforcement and Prosecution Grants under the Violence Against Women Act, including assessment of grantee outcomes, examination of their planning and implementation efforts, and development of a strategy for documenting long-term impacts.

National Multisite Impact Evaluation of Private and Public Boot Camp Programs

National Council on Crime and Delinquency

James F. Austin

96-SC-LX-0002

This project evaluates 10 boot camp programs, including 3 adult offender programs run by State departments of corrections, 3 adult offender programs run by counties, and 4 juvenile offender programs operated privately. The research focuses on whether aftercare strategies are effective in influencing outcomes.

Offender Outcomes Under North Carolina Criminal Justice Partnership Act

Pacific Institute for Research and Evaluation

Amy Craddock

96-CE-VX-0004

This study assesses offender outcomes under a new North Carolina structured sentencing system that reserves jail and prison space for violent and repeat offenders and directs most others to community-based sanctions.

Probationer Compliance With Conditions of Supervision

University of Maryland—College Park

Doris MacKenzie

93-IJ-CX-0045

This project provides information about conditions of community supervision and explores the relationship between violations of the conditions and criminality.

Process and Impact Evaluation of Services Provided to Victims of Crime by the Cook County State Attorney's Office

Illinois Criminal Justice Information Authority

Candice Kane

96-IJ-CX-0083

This project provides process and impact evaluations of the Cook County Victim-Witness Assistance Program.

Profiling the Needs of California's Female Youth Authority Population

California State University—Fresno

Barbara Owen

95-IJ-CX-0098

This applied research project develops a protocol to assess the needs of the female youthful offender population nationwide.

Prosecution in the Community: A Study of Emergent Strategies

President and Fellows of Harvard

George Kelling and Catherine Coles

95-IJ-CX-0096

This study documents and develops profiles of prosecutorial strategies in State prosecutors' offices in five cities; explores the congruence between operational strategies of police and prosecutors; and determines indicators to measure community prosecution's effectiveness in dealing with specific problems.

Prosecution Strategies in Domestic Violence

University of Iowa

Carolyn Hartley

95-WT-NX-0003

This study examines the prosecution of domestic violence-related cases to identify those strategies associated with a successful outcome of conviction on the original charge.

Prosecutorial Response to Bias-Motivated Crimes

American Prosecutors Research Institute

Don Rebovich

95-IJ-CX-0004

This 12-month study gathers information on the prosecution of bias-motivated offenses through a mail survey administered to approximately 800 district attorney's offices nationwide.

Psychological and Behavioral Effects of Hate Crimes on Victims

Boston Police Department

Luis Garcia

97-IJ-CX-0011

This project is examining the lingering effects of hate violence and assessing the effectiveness of the criminal justice system in meeting the needs of such victims.

Public Attitudes Concerning the Use of New Technologies to Detect Weapons

Johns Hopkins University

Daniel W. Webster

97-IJ-CX-0022

This study is examining public attitudes toward new law enforcement weapons detection and surveillance technologies and intervention strategies.

Public Support for Corrections Rehabilitation: A Factorial Survey Approach

University of Cincinnati

Brandon K. Applegate, Graduate

Research Fellow

96-IJ-CX-0007

This project examines public support for rehabilitation in Ohio's correctional system and the factors that influence such public support.

Race and Sentencing: Effects of Case Strength and Seriousness

University of Nebraska—Omaha

Cassia C. Spohn

96-IJ-CX-0036

This secondary analysis examines the relationship between race and sentencing to advance understanding of the direct and indirect effects of race on sentence severity.

Restoring Accountability in Pretrial Release in the 1990s: An Experiment in Managing Safe and Effective Release

Crime and Justice Research Institute

John S. Goldkamp

96-IJ-CX-0008

This award supports an evaluation of how the Philadelphia criminal court system has adapted to greater autonomy in pretrial release decisions and an assessment of the elements of effective (minimal and safe) pretrial release.

Rethinking Organizational Strategies and Criminal Justice Performance Measures: The Case of Community Prosecution

Barbara Boland, NIJ Visiting Fellow

95-IJ-CX-0112

This award supports development of performance measures for the Portland, Oregon, model of community prosecution; assessment of the applicability of the performance measure methodology to Manhattan's community prosecution model; and documentation of the characteristics of community prosecution strategies nationwide.

Self-Evaluating Justice Organization: Building Local Evaluation Capacity

Michael G. Maxfield, NIJ Visiting Fellow

95-IJ-CX-0029

This project examines the role of self-evaluation as a problem-solving management tool in criminal justice agencies and will produce a series of publications that focus on the role of evaluation and on methods for carrying out an evaluation at the local level with limited resources and expertise.

Study of Legislation and Impact of Two-Strikes Legislation

National Council on Crime and Delinquency

James F. Austin

96-CE-VX-0009

This project builds on a study of the impact of California and Washington State's two- and three-strikes laws to include an analysis of Georgia's recently enacted two-strikes law.

Task Force on Community Action on Crime and Justice

The George Washington University

Amitai Etzioni

96-IJ-CX-K005

This 5-month planning grant is determining the conditions for full funding, feasibility, and value of a task force on community, crime prevention, and justice.

Teen Court Planning Grant

Time Dollar, Inc.

Edgar S. Cahn

96-IJ-CX-0002

This award supports an innovative approach to delinquency prevention and intervention in Washington, D.C., called Teen Court, which holds offenders responsible, offers services and job training, and involves community members.

Test, Modify, and Retest: An Agenda for Evaluating Intensive Supervision and Probation

Council of State Governments and American Probation and Parole Association

Timothy H. Matthews
95-IJ-CX-0032

This project evaluates a prototypical intensive supervision and probation model to promote behavioral change in offenders by focusing on the concentrated provision of services rather than exclusive surveillance and incapacitating measures.

Texas Prison-Based Treatment Assessment

Texas Christian University
D. Dwayne Simpson
96-IJ-CX-0024

This outcome evaluation of a prison-based therapeutic community, a residential treatment center, and an outpatient care program examines whether providing inprison treatment coupled with postrelease services can reduce recidivism, drug use, and HIV risk behaviors over time.

Three-Strikes-and-You're-Out: A Comparative Study of Two States' New Legislation

National Council on Crime and Delinquency
James F. Austin

95-IJ-CX-0026

This research project analyzes how three-strikes-and-you're-out laws are being implemented by the courts and the consequences for criminal justice system charging practices, pretrial detention, court delay, court disposition, and prison population growth.

Toward Common Sense in Sentencing

Thomas J. Quinn, NIJ Visiting Fellow
95-IJ-CX-0016

This project examines the emerging interest in restorative justice from the perspective of State and local criminal justice officials and policymakers.

Undocumented Aliens in Federal, State, and Local Criminal Justice Systems

The Urban Institute
Rebecca Clark

96-DD-BX-0036

This project describes the characteristics of undocumented aliens in the criminal justice system at the Federal, State, and local levels.

Unintended Impacts of Sentencing Reforms and Incarceration on Family Structure

University of Minnesota
Samuel Myers

96-CE-VX-0015

This project assesses the impact of incarceration and sentencing reforms on family structure and stability by investigating the same empirical issue using three data sets and applying a variety of statistical methods.

Violations of Release Conditions and the Prediction of Criminal Recidivism

University of Maryland—College Park
Claire Souryal

96-IJ-CX-0011

This research expands the studies of intensive parole supervision by analyzing whether technical violations of parole conditions signal that an offender is likely to commit a new crime.

Violent Offender Incarceration and Truth-in-Sentencing: National Evaluation of Implementation Experiences and Impact on Corrections

RAND Corporation

Susan Turner

96-CE-VX-0006

This evaluation tracks and documents over time significant changes in a number of key process and outcome variables for the 50 States, including legislative actions, prosecution and defense strategies, sentencing patterns, criminal justice system costs, and crime rates. RAND is also conducting

case studies of recent sentencing and correctional reforms in six States.

Who Gets What in Policing? A National Assessment of Police Chiefs' Experiences with Budgets

Police Executive Research Forum
Clifford L. Karchmer

97-LB-VX-K005

This award supports a national assessment of police chiefs focused on the range of issues involved in budgetary decisionmaking, the factors associated with success or difficulty, and innovative approaches to the process.

Wisconsin Idea: Evaluation Partnership on Sentencing and Corrections

Wisconsin Department of Corrections
Michael E. Smith

96-CE-VX-0003

This study examines sentences imposed in archetypal cases, the implementation of those sentences, and the philosophy behind and techniques employed by correctional programs.

Workshop on Longitudinal Surveys of Children

National Science Foundation

Cheryl Eavey

97-IJ-CX-A061

This award supports efforts to collaborate and share information among both investigators and funders of current and future longitudinal surveys of children.

Law Enforcement Family Support Program

Law Enforcement Family Support
National Association of Police

Organizations

Jody Hedeman

96-FS-VX-0001

This project develops, implements, and evaluates innovative and comprehensive stress reduction educational training programs for officers' perceived work and family needs in

Dallas, Texas; Erie County, New York; and Minneapolis, Minnesota.

Law Enforcement Family Support Demonstration Project

Baton Rouge (Louisiana) Fraternal Order of Police, Lodge 1
Kevin McCarthy
96-FS-VX-0005

This project is expanding the existing Critical Incident Stress Debriefing program to cover the entire State of Louisiana and to include stress reduction services for officers experiencing all types of employment-related stress.

Law Enforcement Family Support Program

Iowa State University
Eugene Deisinger
96-FS-VX-0006

This award is developing and evaluating a comprehensive stress management program model for university, municipal, and county law enforcement officers and their families in rural areas.

Law Enforcement Family Support Program

Vermont Department of Public Safety
Michael Sorenson
96-FS-VX-0008

This program provides stress management services to police officers and their families as needed throughout the State of Vermont.

Law Enforcement Family Support Survey and Focus Groups

Center for Criminal Justice Studies
Elizabeth Langston
95-IJ-CX-0089

This study provides information on the extent and nature of police stress as identified by focus groups of police officers and spouses.

Law Enforcement Family Support: Training Program for Reduction of Stress Among Law Enforcement Officers and Their Families

New York Division of Criminal Justice
Eileen Langer
96-FS-VX-0002

This program trains police officers and their families throughout the State of New York in stress management techniques.

Law Enforcement Work and Family Stress Support

Baltimore City (Maryland) Fraternal Order of Police
Gary McLhinney
97-FS-VX-0001

This project is assessing the effectiveness of a total quality management (TQM) model to reduce stress for Baltimore, Maryland, officers and their spouses using surveys of perceived stress, accident rates, citizen complaints, and absenteeism among other variables.

Police Chaplaincy: An Innovative Law Enforcement Stress Reduction Delivery System

Arkansas State Police
Jim Tudor
96-FS-VX-0004

This statewide law enforcement chaplaincy program provides routine and emergency stress management services, including alcohol and/or dependency counseling, postshooting counseling, officer trauma counseling, death notifications, and specialized education for police recruits and their families.

Stress Reduction Among Law Enforcement Officers and Families Exploratory Study

City of Buffalo
R. Gil Kerlikowski
96-IJ-CX-0056

This study is identifying gender- and ethnic-specific stressors facing law enforcement officers and developing strategies that could be implemented

by law enforcement organizations to address such stressors.

Stress Reduction Program for New York City Police Officers

New York City Patrolmen's Benevolent Association Membership Assistance Program
William Genet
96-FS-VX-0007

This project is developing a handbook for peer support officers, conducting awareness training to expand the network of mental health clinicians who are familiar with the needs and problems of police officers and their families, conducting training for 1,500 officers and family members, and organizing support groups.

Stress Training for Officers and Partners

Miami Police Department
Gerald Darling
96-FS-VX-0003

This project provides stress management training, which addresses both personal and work-related problems, to 200 new officers and their families.

◆ Intramural Projects

The following research is being conducted by NIJ staff:

Assessment of Sentencing Outcomes for Drug Offenders in State Courts

Jordan Leiter and Angela Moore-Parmley

This research compares sentencing outcomes for black and white drug offenders convicted in State courts in Virginia and Minnesota. Both the likelihood of being incarcerated and the length of incarceration are being studied.

Balancing Probation Officer Caseloads for Risk

Pamela K. Lattimore

This project continues NIJ's work with the Florida Department of Corrections

to use model-generated probabilities of probation failure to assign probationers to appropriate levels of supervision.

Prison Drug Use: Results of Drug Testing in a State Prison System

Thomas E. Feucht and Pamela K. Lattimore

In cooperation with the Pennsylvania Department of Corrections, researchers are measuring the extent of drug use in prisons and assessing the impact of specific drug control strategies, including drug-detection dogs, electronic drug-detection equipment, and randomized drug testing.

Violence in U.S. Cities: Homicide Trends in Eight Cities

Pamela K. Lattimore, James Trudeau, K. Jack Riley, Jordan Leiter, Steven Edwards

This examination of trends in murder and violent crime rates in large U.S. cities entails extensive study of eight cities (plus two pilot cities), where data is being collected and key policy-makers interviewed. The research is analyzing the ways in which changes in local factors—criminal justice system activities, socioeconomic factors, and criminal activities, such as involvement with guns, gangs, and drugs—are associated with changes in homicide rates.

◆ **Research Applications Contract Projects**

Abt Associates Inc.
Joan Mullen
OJP-C-94-007

Community Dispute Resolution

This report explores the expanding role of dispute resolution in the administration of justice and examines several variants of conflict resolution programs that have emerged around the Nation.

Dispute Settlement Center of Durham, North Carolina

This indepth review of the services offered by the Dispute Settlement Center of Durham, North Carolina, focuses on the problems the Center has confronted and various issues involved in its development and operation.

Maryland Shelter Plus Mental Health Care Program for Dually Diagnosed Offenders Released From Jail

This report describes and assesses a new program for mentally ill offenders who are newly released from jail and detention centers. Through housing vouchers, the program reduces the likelihood that this population will become homeless.

Pretrial Services

This report explores developments in the field of pretrial services, describes an ideal model of pretrial release, and contrasts the model with current practices. The report emphasizes the ways pretrial services respond to the pressures of emergency release, three-strikes-and-you're-out legislation, juveniles, and the increasing number of drug-related crimes.

Project SEEK

This report highlights Project SEEK (Services to Enable and Empower Kids), a Michigan program for families and children of incarcerated persons (primarily fathers).

Treatment Programs for Batterers

A number of approaches are being implemented to respond to domestic violence. This report explores the features and findings of a number of model programs.

Victim Impact Statements

This report details the history and current use of victim impact statements and examines community impact statements, which are of considerable interest to the restorative justice and community justice movements.

Women's Prison Association and Home, Inc.

This report highlights a community program in New York City that provides a variety of support services for newly released women inmates to ease their transition into the community.

Technology Research and Development

◆ **Community-Oriented Policing Technology**

APD Intranet/Briefing Stations
Arlington (Texas) Police Department
Larry Barclay
97-IJ-CX-K005

This grant is developing a system for beat officers to access information through a number of methods, such as computerized briefing stations, electronic mail, and beat inquiries.

Affordable Crime Mapping and Information-Sharing Technology for Community Police Officers
New Orleans (Louisiana) Police Department
Michael Pfeiffer
97-IJ-CX-K006

This award is developing an affordable crime-mapping and information-sharing technology using touch-screen technology for beat officers and community members.

Algorithmic Image Matching: Police Technology Research and Development Project
Santa Ana (California) Police Department
Paul M. Walters
97-IJ-CX-K011

This project supports the development of an Algorithm Image Matching (AIM) system to reduce the time required to search automated mug shot systems. AIM will provide the ability to search mug shot systems based on known facial features of a suspect. The system will be able to compare photographs, sketches, and video images.

Artificial Neural Network System for Classification of Offenders in Murder and Rape Cases

Battelle Memorial Institute

Jennifer Miles

97-IJ-CX-K007

This grant is developing software for the Washington State Attorney General's Office that can compare unknown murder and rape offenders and their method of operating to the offenders and methods in similar cases on file.

Automation of Local Police Functions

New York State Department of Criminal Justice Services

Jim Shea

97-IJ-CX-K009

This award is providing the expanded, real-time database access software used by nearly half of New York State's law enforcement agencies, allowing officers to access and add incident and arrest data via laptop computer.

Demonstration of a Concealed Weapons Detection System Using Electromagnetic Resonances

Akela, Inc.

Alan Hunt

97-IJ-CX-K013

This project is developing a handheld concealed weapons detection system with potential to detect metal and plastic weapons beneath clothing.

Development of a Neighborhood Problem-Solving System

Abt Associates Inc.

Marianne Beauregard

97-IJ-CX-K017

This award is developing a neighborhood problem-solving system for Hartford, Connecticut, that will contain databases of city agencies, demographic data, and other community information.

FALCON (Future Alert and Contact Network)

Charlotte (North Carolina) Police Department

Maureen Brown

97-IJ-CX-K004

This project is developing the Future Alert and Contact Network (FALCON) to predict community problems and allow the beat officer to be more proactive in community policing.

Largo Police Department Wireless Internet Project

Largo (Florida) Police Department

Brian McKeon

97-IJ-CX-K002

This grant is implementing a wireless remote data and voice communications system to link beat officers, investigators, and the community. Officers will use devices equipped with wireless cellular modems, keyboards, pen-based handwriting software, cellular voice communication, and Web-browsing software, creating a wireless intranet.

Metropolitan Nashville Police Department's Palm Top Project

Metropolitan Nashville (Tennessee) Police Department

Ken Peace

97-IJ-CX-K003

This project is creating an onsite system for law enforcement officers to conduct up-to-date warrant, arrest history, and stolen vehicle checks; access mug shots; and complete reports onsite and online.

Portable Concealed Weapon Detector

Los Angeles County (California) Sheriff's Office

Yu-Wen Chang

97-IJ-CX-K015

This research is developing the prototype of a handheld device to detect metal or plastic concealed weapons at a distance of up to 10 feet.

Portable Voice-Command Translation System

Integrated Wave Technologies, Inc.

A. Robert Sabo

96-IJ-CX-K008

This project is designing and fabricating three voice response translator (VRT) modules that allow officers to identify a subject's language and translate the officers' questions and instructions into that language.

Pursuit Management Task Force

Aerospace Corporation

Donald Peterson

96-IJ-CX-K007

This multiagency task force studies operational practices and procedures, vehicle stopping technologies, legal and liability issues, policy and doctrine, training, and community acceptance to accelerate the introduction of safer and more effective methods of vehicle pursuit.

Seamless Mobile Law Enforcement Computer Network

Virginia Department of State Police

John Furlough

97-IJ-CX-K010

This grant is developing an infrastructure in Virginia to seamlessly connect different cellular carriers for voice and data communications. The infrastructure will maximize the coverage area and minimize the cost of transmission.

Software Development for Intelligence Gathering

Monroe County (Florida) Sheriff's Office

Tyrrell Armstrong

97-IJ-CX-K008

This project is developing and demonstrating a new information gathering strategy that enables police to collect, classify, and analyze data based on geographic location.

Vehicle Stopper Technology Evaluation Program

U.S. Department of the Army
Edward P. Scannell
96-IJ-CX-A047

This program establishes an alliance between the Army Research Laboratory and NIJ for the evaluation of electric/electromagnetic vehicle stopper technologies and concepts for laboratory evaluations.

◆ DNA Identification**Development of Criteria for Model External DNA Proficiency Testing**

University of Illinois—Chicago
Joseph L. Peterson
96-DN-VX-0001

This study investigates the feasibility of developing a blind external DNA proficiency testing program for public and private forensic science laboratories.

Development of a Rapid, Immobilized Probe Assay for the Detection of mtDNA Variation

Children's Hospital, Oakland Research Institute
Kathleen H. Gonzalez
96-IJ-CX-0028

This study is developing a simple and rapid method for typing mitochondrial DNA sequence variation, known as the "reverse dot blot" technique, using Polymerase Chain Reaction (PCR) amplification.

Estimation of Population Structure Parameters

North Carolina State University
Bruce S. Weir
95-IJ-CX-0007

This project is estimating the standardized variance of allele frequencies in several types of DNA data to describe the extent of population substructuring and to show how substructuring affects estimates of DNA profile frequencies.

Isolation and Characterization of Population-Specific Alleles

University of Pittsburgh
Mark D. Shriver
95-IJ-CX-0008

A database is being developed for estimating the ethnic affiliation of unknown suspects by typing a random sample of African-American, Caucasian, and Hispanic residents from Pennsylvania for the identified markers.

Validation of PCR-Based DNA Typing Databases for Forensic Use

University of Texas—Houston
Ranjit Chakraborty
96-IJ-CX-0023

This study is developing automated methods of multilocus genotype-frequency computations for PCR-based DNA testing to increase the capabilities of crime laboratories.

◆ Forensic DNA Laboratory Improvement Program

The awards below represent an ongoing NIJ effort to enhance the DNA analysis capabilities of State and local crime laboratories across the country. Projects focus on installation and upgrade of laboratory equipment, implementation of a national DNA database, development of faster methods of DNA typing, and training for analysts.

Alabama: Expansion of the Felon DNA Data Bank Program

Alabama Department of Forensic Sciences
John Hicks
96-IJ-CX-0049

Alaska: Enhancement of DNA Testing Capabilities

Alaska Department of Public Safety, Scientific Crime Detection Laboratory
George M. Taft, Jr.
96-IJ-CX-0048

Arizona: Enhancement of DNA Testing Capabilities

City of Tucson
Walter Tannert
96-IJ-CX-0032

Arizona: Forensic DNA Enhancement Project

Arizona Department of Public Safety
Susan Narveson
96-IJ-CX-0094

California: Forensic DNA Laboratory Improvement Program

California Department of Justice, Bureau of Forensic Services
Jan Bashinski
97-IJ-CX-0001

Charlotte, North Carolina: Forensic DNA Laboratory Improvement Program

City of Charlotte
Roger Thompson
97-IJ-CX-0016

Connecticut: Forensic DNA Laboratory Improvement Program

Connecticut Department of Public Safety, Connecticut State Police
Elaine Pagliaro
97-IJ-CX-0003

Florida: Forensic DNA Laboratory Improvement Program

Florida Department of Law Enforcement
Dale Heideman
96-IJ-CX-0095

Georgia: Enhancement of DNA Typing

Georgia Bureau of Investigation
George Harrin
96-IJ-CX-0079

Idaho: Forensic DNA Laboratory Improvement Program

Idaho Department of Law Enforcement
R. Dan Charboneau
97-DN-VX-0003

Illinois: Expansion of DNA Analysis Capabilities—Illinois State Police Forensic Sciences Command
Illinois State Police—Springfield
Susan Hart Johns
96–MU–VX–0020

Indiana: DNA STR Evaluation Project
Indianapolis–Marion County Forensic Services Agency
James E. Hamby
96–IJ–CX–0052

Kansas: Forensic DNA Laboratory Improvement Program
Kansas Bureau of Investigation
Eileen Burnau
97–IJ–CX–0015

Kansas: Forensic DNA Laboratory Improvement Program
Sedgwick County and Wichita Police Department Consortium
Forrest Davis
96–IJ–CX–0061

Kentucky: Enhancement of Serological Analysis to DNA Technologies
Kentucky State Police
Lonnie Moert
96–IJ–CX–0041

Maryland: DNA Forensic Laboratory Enhancements
Anne Arundel County
Jane C. Cooke
96–IJ–CX–0038

Maryland: Forensic DNA Laboratory Improvement Program
Maryland Department of Public Safety
Louis C. Portis
96–DN–VX–0002

Michigan: Forensic DNA Laboratory Improvement Program
Michigan Department of State Police, Forensic Science Division
Frank Schehr
97–IJ–CX–0004

Minnesota: Development of a PCR Laboratory
Minnesota Bureau of Criminal Apprehension
Terry Laber
96–IJ–CX–0043

Missouri: Expansion of DNA Laboratory Program
Missouri State Highway Patrol
Lori Maloney
96–IJ–CX–0040

Montana: DNA Identification Project
Montana Department of Justice
James Streeter
96–IJ–CX–0090

Nebraska: Forensic DNA Laboratory Improvement Program
Nebraska State Patrol
John Dietrich
97–DN–VX–0002

New Jersey: Enhancement of STR Capabilities in the New Jersey Forensic DNA Laboratory
New Jersey Division of Criminal Justice, Department of Law and Public Safety
Margaret Tarver
96–IJ–CX–0089

New Mexico: Forensic DNA Laboratory Improvement Program
City of Albuquerque
Ann Talbot
96–IJ–CX–0039

New York: Forensic DNA Laboratory Improvement Program
New York Division of Criminal Justice
Carl M. Selavka
97–IJ–CX–0021

North Carolina: Expansion of DNA Services
North Carolina State Bureau of Investigation
Mark Nelson
96–IJ–CX–0062

North Dakota: Forensic DNA Laboratory Improvement Program
North Dakota Department of Health
Aaron E. Rash
97–IJ–CX–0012

Pennsylvania: Forensic DNA Laboratory Improvement Program
Pennsylvania State Police
Christine Tomsey
96–IJ–CX–0034

Pittsburgh, Pennsylvania: Forensic DNA Laboratory Improvement Program
Allegheny County Department of Laboratories
Thomas Meyers
96–IJ–CX–0054

Scottsdale, Arizona: Implementation of a PCR Program for the Scottsdale Police Crime Lab
City of Scottsdale
Allen Garrett
96–IJ–CX–0096

South Carolina: DNA Offender Database Program
South Carolina Law Enforcement Division
Matthew G. Fitts
96–IJ–CX–0051

South Dakota: Forensic DNA Laboratory Improvement Program
South Dakota Office of the Attorney General
Rex Riis
96–IJ–CX–0033

Tennessee: Enhancement of the Tennessee Bureau of Investigation Forensic DNA Capabilities

Tennessee Bureau of Investigation,
Forensic Services Division
William Darby
96-IJ-CX-0066

Texas: Forensic DNA Enhancement Project

Texas Department of Public Safety
D. Pat Johnson
96-IJ-CX-0084

Vermont: Forensic DNA Laboratory Improvement Program

Vermont Department of Public Safety
Eric Buel
96-IJ-CX-0076

Virginia: Enhancement of Capability to Analyze DNA

Virginia Department of General Services, Division of Forensic Science
Deanne Dabbs
96-IJ-CX-0059

Washington: Forensic DNA Laboratory Improvement Program

Washington State Patrol
James S. Stuart
97-IJ-CX-0008

West Virginia: Enhancement of STR Capabilities in the West Virginia State Police Crime Laboratory

West Virginia Division of Public Safety
Ted Smith
96-IJ-CX-0055

Wisconsin: Forensic DNA Laboratory Improvement Program

Wisconsin Department of Justice
Jerry Guerts
97-IJ-CX-0002

◆ **General Technology Support**

Application of Static Secondary Ion Mass Spectrometry to Trace Evidence Analysis

Lockheed Martin Energy Research, Idaho National Engineering Laboratory
Gary S. Groenewold
97-LB-VX-A050

This award supports static secondary ion mass spectrometry (SIMS) analysis for chemical characterization of trace evidence, focusing on man-made fibers and paint coatings.

Bomb Threat Training Simulator

University of Houston, Office of Sponsored Programs
Christopher Chung
96-IJ-CX-0025

This project is developing computer-based, first-on-the-scene bomb threat training scenarios to augment conventional classroom training without exposing trainees to unsafe conditions.

Collection and Analysis of Explosives Trace Chemical Evidence

Lockheed Martin Energy Research, Oak Ridge National Laboratory
Michael E. Sigman
97-LB-VX-A052

New materials and methods—surface wipes and sorbents—are being developed for the sampling and analysis of trace chemical evidence, including pre- and postblast explosive residue from surfaces.

Containment Devices for Small Terrorist Bombs

JAYCOR Defense Sciences Group
Herman H. Klein
97-DT-CX-K001

Because current methods of bomb disposal are dangerous, this award supports development and evaluation of a new design for a low-cost, lightweight, easily transportable, blast-resistant container for law enforcement to store and transport bombs.

Demonstration of Orthophotographic Representation and Analysis

University of Maryland—Baltimore
Keith D. Harries
97-LB-VX-K004

This award is using orthophotography, a digital geography technology, to enable police officers and community residents to photographically visualize crime and other relevant social and environmental data.

Detection and Classification of Concealed Weapons Using Magnetic Gradient Measurements

U.S. Department of Energy, Idaho National Engineering Laboratory
Jonathan Nadler
95-IJ-CX-A027

This project is using magnetic gradient measurement techniques in the design and fabrication of a prototype passive sensor system for detecting and classifying concealed weapons carried by individuals.

Determination of the Comparative Ballistics of Enhanced Threat Weapons

University of Denver,
Colorado Seminary
Deborah Bradford
95-IJ-CX-K004

This project is developing a reasonable spectrum or matrix best suited for comparative ballistics data of enhanced threat weapons. The project is designing an experimental program that will determine the comparative ballistics of enhanced threat weapons in law enforcement and corrections settings.

Development of Advanced Wireless Technology Standards

Association of Public Safety Communications Officials International, Inc.

Craig M. Jorgensen
97-LB-VX-K002

This award supports development of a series of technical, land mobile, narrow-band voice and data standards to enhance the capabilities of public

safety agencies to access information and reduce inquiry response time.

Development of Capillary Electrophoresis for Application in Forensics DNA Testing Procedure

University of Virginia
Ralph Allen
93-IJ-CX-0030

This study examines sequence polymorphisms from mitochondrial DNA (mtDNA) to answer the questions of genetic variability in racial and ethnic subpopulations. The research also makes improvements to mtDNA sequence databases and evaluates genetic mutation rates.

Domestic Violence Electronic Monitoring Project in San Diego

Science Applications International Corporation
Sid Chillcott
97-IJ-CX-K014

This project is evaluating a specially configured electronic monitor for domestic violence offenders to determine its effectiveness in preventing further violence, its impact on the courts and enforcement agencies, and its utility in enforcing court-issued protection orders.

DOD-DOJ Joint Program Steering Group, Concealed Weapons Detection

U.S. Department of the Navy
Jerry A. Koenig
97-IJ-CX-A013

This project continues support for concealed weapons detection technology initiatives undertaken by the U.S. Department of Defense-Department of Justice Joint Program Steering Group.

DOD-DOJ Joint Program Steering Group, Counterterrorism

U.S. Department of Defense
David Fields
97-IJ-CX-A025

This award supports engineering and technical assistance to the counterterrorism technology initiatives

undertaken by the U.S. Department of Defense-Department of Justice Joint Program Steering Group.

Effectiveness of Helicopters in Police Pursuit

University of South Carolina
Geoffrey P. Alpert
93-IJ-CX-0061

This project is examining apprehension rates, injuries, complaints, and other consequences of using helicopters in pursuit of suspects in Baltimore, Maryland.

Estimation of the Postmortem Interval From Entomological Evidence

University of Florida—Gainesville
Jon C. Allen
97-LB-VX-0001

This project is developing forensic methods for using insect faunal observations at crime scenes to estimate time of death.

Face Recognition Technology for Internet Based Gang Tracking

Visionics Corporation
Norman A. Redlich
97-LB-VX-K007

This award is developing database software to compare new images with existing images in the database to match and identify subjects.

Facilitation of Domestic and International Technology Partnerships in Counterterrorism Efforts

Eagan, McAllister Associates, Inc.
Robert Greenberg
96-LB-VX-K008

This award supports the development of NIJ partnerships with technology and law enforcement organizations that can work together with NIJ on counterterrorism efforts.

Field Evaluation of the System for the Effective Control of Urban Environment Security (SECURES)

University of Cincinnati
Lorraine Green Mazerolle
96-MU-MU-0018

This project is evaluating the impact in Dallas of SECURES, which uses technology developed for the military to detect and report the location of gunshots in an urban environment. The research is documenting partnership-building efforts among the Dallas Police Department, Alliant Techsystems, Inc., and the local community.

Handheld Remote Concealed Weapons Detector

JAYCOR Defense Sciences Group
Franklin S. Felber
97-LB-VX-K008

This project is developing a handheld remote concealed weapons detector that will enable law enforcement officers to detect metallic and nonmetallic weapons concealed beneath clothing up to 20 feet away.

Hazardous Devices Training Tool

U.S. Department of the Navy
Walter H. Ott
97-DT-CX-A044

This project is developing a computer-based training course for bomb technicians for use by the Federal Bureau of Investigation, Explosive Unit-Bomb Data Center, to support State and local law enforcement agencies.

Health Hazard Assessment for Kinetic Energy Impact Weapons

U.S. Department of the Army
Gregory J. Argyros
97-LB-VX-A024

This award provides support, assistance, and resources to the U.S. Army Medical Research and Materiel Command to assess nonlethal blunt impact munitions and delivery systems for health hazard effects.

Immigration and Naturalization Service Tire Deflator Development: Phase 3 Follow-On
Eagle Research Group, Inc.

John Rhines
97-IJ-CX-K001

This project is designing and fabricating prototype lightweight tire deflation devices capable of being remotely activated to stop fleeing vehicles at security checkpoints.

Law Enforcement Technology Commercialization at the National Technology Transfer Center
National Aeronautics and Space Administration

Jonathan Root
95-IJ-CX-A017

The National Aeronautics and Space Administration and NIJ are teaming with the National Technology Transfer Center to provide the law enforcement, corrections, and criminal justice communities with effective resources for transferring and commercializing technology.

Massively Parallel DNA Typing by Capillary Array Electrophoresis (CAE)

Regents of the University of California—Berkeley
George Sensabaugh
93-IJ-CX-0010

This project adapts the CAE technology to criminal justice DNA testing for a variety of markers, including short tandem repeats, and enables the criminal justice system to rapidly generate large numbers of DNA profiles.

Medicolegal Death Investigator Guidelines and Training Project
Occupational Research and Assessment, Inc.

Steven C. Clark
96-MU-CX-0005

This project is developing national guidelines for death investigations, criteria for training death investigators, and model legislation for State adoption.

Microchip DNA Fingerprinting Devices

Lockheed Martin Energy Research, Oak Ridge National Laboratory
J. Michael Ramsey
97-LB-VX-A063

This project is developing a “laboratory-on-a-chip” technology to address the common problems in forensic DNA analysis of high cost, lengthy analysis times, and the potential for sample contamination.

Mitochondrial DNA Variation in North American Populations of Forensic Interest

Pennsylvania State University
Mark Stoneking
92-IJ-CX-K040

This project continues a study to type mitochondrial DNA (mtDNA) in five geographical subpopulations of four groups (Caucasians, African-Americans, Hispanics, and Asians) to determine the extent and forensic significance of mtDNA subpopulation heterogeneity; ascertain whether any significant association exists between mtDNA types and genotypes at other loci used forensically; and increase the size of the mtDNA database.

National Center for Arson and Explosion Research

University of Central Florida
William McGee
97-DN-VX-0001

This award is creating a forensic laboratory to study terrorist use of arson and explosives as tools of death and destruction.

Naval Command, Control, and Ocean Surveillance Inservice Engineering Laboratory—East Coast Division (NISE-E) Technical Programs

U.S. Department of the Navy
Steve Morrison
97-LB-VX-A043

This award supports research and development for the U.S. Navy’s

Portable Power Source Project and program management for its Concealed Weapons Detection Program.

New Radio Location Technology for Electronic Monitoring of Offenders in the Community
Signatron Technology Corporation

Steen A. Parl
97-LB-VX-K003

This project is studying the feasibility of using technology based on radio location techniques with continuous location and tracking capability as an alternative to conventional, electronic monitoring house arrest.

NIJ Surplus Property Program

Ultimate Enterprise Limited
Michael Simpson
96-LB-VX-K002

This project is developing procedures for locating, selecting, storing, repairing, and transferring select Department of Defense surplus property to State and local law enforcement and corrections agencies.

Oak Ridge National Laboratory Forensic Sciences Program

U.S. Department of Energy
Susan Heiser
96-LB-VX-A043

This award supports the establishment of a Department of Energy-NIJ forensic laboratory alliance for law enforcement.

Rapid DNA Typing by Laser Desorption Mass Spectrometry

Lockheed Martin Energy Research, Oak Ridge National Laboratory
C.H. Winston Chenn
97-LB-VX-A047

This award supports development of a faster, more cost-effective approach to DNA typing using laser desorption mass spectrometry (LDMS) with improved resolution and sensitivity.

Regional Gang Information System: Phase I

Police Executive Research Forum
Clifford Karchmer
96-LB-VX-K007

This project is conducting an initial demonstration of the Massachusetts Lotus Notes application to determine whether it can be used to establish a National Gang Tracking Network and is reviewing the legal and regulatory requirements that could impact the design, operation, and use of such a network.

Sandia National Laboratories Test Facility

Sandia National Laboratories
Debra D. Spencer
97-LB-VX-A004

This award supports the establishment of a facility for testing both commercial and new prototype equipment, including the detection of explosives and drugs.

SkyTracker Surveillance System

National Systems and Research Company
Paul Scheffer
96-IJ-CX-K006

This project is integrating the U.S. Department of Defense's Global Positioning System, a commercial communications satellite system, and miniaturized remote location sensors to covertly monitor the vehicles of suspected criminals.

Smart Gun Development and Prototype

Colt's Manufacturing Company, Inc.
Douglas G. Overbury
97-LB-VX-K006

This award supports redesign of the Smart Gun Evaluation Prototype 1 to incorporate a smaller transponder, an integrated power supply and RF module in the grip, a laser aiming device, an improved blocking device, and a small onboard diagnostic display.

Systems Engineering and Technical Assistance for the National Institute of Justice, Office of Science and Technology

U.S. Department of Defense, Defense Support Office
Carl F. Kiele
96-LB-VX-A038

This award supports program and technical management, planning and oversight, and systems engineering and technical evaluation for NIJ's science and technology programs.

Technical Requirements for Implementation of Technology Information Network and Technical Support

U.S. Department of the Navy
Steve Morrison
95-IJ-CX-A016

This project provides resources, advice, and recommendations on the technical requirements for implementation in the first phase of construction of a hub Technology Information Network for the National Law Enforcement and Corrections Technology Centers.

Technology Assessment Program

U.S. Department of Commerce, National Institute of Standards and Technology
Kathleen M. Higgins
94-IJ-CX-A004

This award continues support for projects developed under the Technology Assessment Program, such as DNA PCR standards, laboratory accreditation, armor piercing ammunition testing, trauma plate testing, less-than-lethal technologies technical support, and integrated systems digital network standards.

Testing the Reliability of Animal Models in Research and Training Programs in Forensic Entomology

Louisiana Tech University
James D. Liberatos
94-IJ-CX-0039

This study authenticates a currently used method for determining the post

mortem interval by scientifically testing the yet unsupported claim that the domestic pig is a reliable human surrogate in forensic entomology.

Two-Dimensional Concrete Penetrating Imaging Radar

Hughes Missile Systems Company
Larry M. Fraizer
97-DT-CX-K002

This project is testing and evaluating two-dimensional, concrete penetrating imaging radar, which can reveal objects on the other side of high-density walls or structures. The imaging radar is being tested and evaluated under typical law enforcement field conditions.

Working With Technology in Corrections

American Correctional Association
John J. Greene
96-LB-VX-K004

This award is identifying, locating, and evaluating methods used to purchase correctional technologies. It also supports a conference to introduce manufacturers and suppliers to a cross-section of practitioners who will share their experiences with and expectations of the costs of technology.

◆ Law Enforcement and Corrections Technology Centers

NIJ's National Law Enforcement and Corrections Technology Center and its regional centers offer centralized sources of product and technology information, assessment, and referral services to law enforcement, corrections, and other criminal justice professionals. NIJ also supports a Border Research and Technology Center that focuses on developing and enhancing border control.

National Headquarters—Rockville, Maryland: National Law Enforcement and Corrections Technology Center

Aspen Systems Corporation

Marc H. Caplan

96-MU-MU-K011, 96-IJ-CX-K001

Northeastern Region—Rome, New York: National Law Enforcement and Corrections Technology Center

U.S. Air Force, Rome Laboratory

John A. Ritz

95-IJ-CX-A040, 96-IJ-CX-A032

Rocky Mountain Region—Denver, Colorado: National Law Enforcement and Corrections Technology Center

University of Denver,

Colorado Seminary

Jim Keller

95-IJ-CX-K004, 96-MU-MU-K012

San Diego, California: Border Research and Technology Center

U.S. Department of the Navy,

Naval Command, Control and Ocean Surveillance Center

Aerospace Corporation

Robert M. Pentz

Sandia National Laboratories

Debbie Spencer and Chris Aldridge

96-IJ-CX-A036, 96-MU-MU-K006

95-IJ-CX-K005

Southeast Region—Charleston, South Carolina: National Law Enforcement and Corrections Technology Center

U.S. Department of the Navy, Naval

Electronic Systems Engineering Center

Ronald L. Polkowsky

South Carolina Research Authority

Tommy Sexton

96-IJ-CX-A010, 96-LB-VX-K005

Western Region—El Segundo, California: National Law Enforcement and Corrections Technology Center

Aerospace Corporation

Robert M. Pentz

96-MU-MU-K006

◆ Less-Than-Lethal Technology**Pepper Spray Projectile Disperser**

Delta Defense, Inc.

Roy Kelly

97-MU-MU-K011

This award supports design and testing of an improved projectile capable of dispersing oleoresin capsicum (pepper spray) for use in hostage, barricade, and tactical assault situations.

Policy Assessment Panel

SEASKATE, Inc.

E.A. Burkhalter

96-MU-MU-K016, 95-IJ-CX-K001

A policy and technology assessment panel is identifying promising law enforcement and corrections technologies from the defense, intelligence, and private sector arenas in the short and long terms, as well as best approaches in introducing them to the criminal justice community.

Technology Liability Task Group

SEASKATE, Inc.

E.A. Burkhalter

96-LB-VX-K006, 95-IJ-CX-K006

This award addresses science and the law and assesses and makes recommendations regarding liability issues that might arise from deployment of new technologies.

NCJ 166374

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U.S. Department of Justice

Office of Justice Programs

*National Institute of Justice**Washington, DC 20531*

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