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U.S. Department of Justice
National Institute of Justice

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ACQUISITIONS

National Institute of Justice

Research in Brief

Jeremy Travis, Director

January 1995

NIJ Awards in Fiscal Year 1994

The awards made by the National Institute of Justice (NIJ) in fiscal year 1994 to support research, development, evaluation, training, and dissemination in criminal justice are presented in this Research in Brief.

The list includes grants, interagency agreements and cooperative agreements, contracts, and fellowships. Awards made in fiscal year 1994 to supplement projects begun earlier also are included.

NIJ's Goals for 1994

Each project forms part of NIJ's overall strategic plan for research, development, and evaluation. The plan elaborates six goals that reflect and respond to the Nation's concern with violent and drug-related crime and victimization:

- I Reduce Violent Crimes and Their Consequences.
- II Reduce Drug- and Alcohol-Related Crimes.
- III Reduce the Consequences of Crimes Involving Individuals, Households, Organizations, and Communities.
- IV Develop Household, School, Business, Workplace, and Community Crime Prevention Programs.
- V Improve the Effectiveness of Law Enforcement, Criminal Justice, Correctional, and Service Systems' Responses to Offenses, Offending, and Victimization.
- VI Develop, Promote, and Use Criminal Justice Research, Evaluation, and Technology.

The awards are listed in the order of these goal categories.

Research and Evaluation, 1995-1996

NIJ's plan for fiscal year 1995-1996 will continue the long-term goals cited above, but will reflect specifically targeted areas outlined in the Violent Crime Control and Law Enforcement Act of 1994.

NIJ plans to support research and evaluation of programs under the new law. These programs focus on such topics as coordination of law enforcement efforts, including State and local drug task forces; community policing; supervised after-school, weekend, and summer programs for at-risk youths; correctional programs, including boot camps and alternatives to incarceration; State and local drug courts; crime prevention programs; the incarceration of criminal aliens; and violence against women.

The plan will be available in spring 1995 from the National Criminal Justice Reference Service (NCJRS) by calling 800-251-3420, or by writing to NCJRS, Box 6000, Rockville, MD 20850.

Organization of the Awards List

Within each goal category, the awards are listed alphabetically. The information includes award number, name of award, name of grantee or contractor, name of principal investigator, dollar amount of award, and a brief description. Award numbers that begin with other than "94" are supplements of amounts granted in an earlier year.

Goal I: Reduce Violent Crimes and Their Consequences

Domestic Violence

94-IJ-CX-0009

Community Policing of Domestic Violence

University of Maryland-College Park

Charles F. Wellford

\$6,602

The project will use data from the 1989 Milwaukee Domestic Violence Experiment to examine the effects of neighborhood characteristics on recidivism for domestic violence offenses.

94-IJ-CX-0047

**Coordinated Response to Domestic Violence:
A Field Test**

Victim Services
Robert Davis
\$264,722

The proposed research will evaluate the effects of a coordinated program to reduce repeated violence in a sample of 500 households in which males have been arrested for partner abuse.

94-IJ-CX-0050

Corporate-Sector Response to Domestic Violence
President and Fellows of Harvard College

Nancy Isaac
\$47,039

This study will explore the responsiveness of the corporate sector to domestic violence through surveys and interviews with individuals working in employee assistance programs and through an indepth case study.

94-IJ-CX-0041

**Developmental Antecedents of Partner Violence:
Longitudinal Study From Childhood to Adulthood**

University of Wisconsin-Madison
Terrie Moffitt
\$175,350

This project will use a longitudinal data set to examine the impact of family background, individual characteristics, and immediate circumstances on the development and expression of partner violence.

94-IJ-CX-0052

**Domestic Violence Cases: Effects of a Specialized
Court**

American Bar Association
Barbara Smith/Robert Davis
\$199,658

This project will assess a new domestic violence court in Milwaukee by examining the effects of the "no-drop" policy on convictions and victim satisfaction, the effects of various dispositions on recidivism of batterers, and whether the new court reduces time to disposition.

94-IJ-CX-K001

Evaluation of Domestic Violence Training Program
Massachusetts Committee on Criminal Justice

William Holmes
\$46,979

This project will evaluate the effectiveness of domestic violence training programs in Massachusetts.

94-IJ-CX-K003

**National Conference on Family Violence: Health and
Justice**

American Medical Association
Marshall D. Rosman/Martha B. Witwer
\$100,000

This project provided assistance for a national conference to link the health and justice communities and set the agenda for a multidisciplinary, coordinated response to family violence.

93-IJ-CX-0028

**The Role of Alcohol and Drug Abuse in Domestic
Violence and Its Treatment**

Crime and Justice Research Institute
John S. Goldkamp
\$91,475

This project extends funding for a research project to examine the role of alcohol and drug abuse in domestic violence by studying predictors of reoffending and by experimentally assessing the impact of a new approach that integrates violence reduction therapy and drug abuse treatment.

93-IJ-CX-0003

Study of Prosecution of Domestic Violence Cases

Ann Taylor, NIJ Visiting Fellow
\$8,188

This project extends funding for a study of the prosecution of domestic violence cases in rural counties. It includes a survey of rural prosecutors to determine how these cases are handled and makes recommendations for improving prosecution.

93-IJ-CX-0012

**Violence and Threats of Violence Against Women
in America**

Center for Policy Research
Patricia Tjaden
\$300,000

With funds from the Centers for Disease Control and Prevention, this study will expand a national survey of 8,000 women to collect data on the nature, extent, and consequences of various forms of violence and threats of violence against women, including stalking and experiences with childhood victimization. In addition, 8,000 men will be surveyed regarding their victimization by intimates.

Firearms and Violence

94-IJ-CX-K012

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

St. Louis Metropolitan Police Department

Richard Rosenfeld/Scott Decker,

University of Missouri—St. Louis

\$499,345

Assault Crisis Teams—composed of medical, social service, educational, and criminal justice personnel and community residents trained in conflict management—will be created to work with males aged 15–29, a group at high risk for violent death in certain St. Louis areas. The goal is to reduce firearm use and other violence among this population.

94-IJ-CX-0056

Firearms and Violence: Juveniles, Illicit Markets, and Fear

President and Fellows of Harvard College

David Kennedy

\$311,499

This project will assist the Boston Police Department in analyzing its juvenile gun problem and designing a problem-oriented policing intervention in an attempt to disrupt the local black market in firearms. A process and impact evaluation will be conducted.

94-IJ-CX-0038

Gun Density vs. Gun Type: Did More, or More Lethal, Guns Drive Up the Dallas Homicide Rate, 1978–1992?

Crime Control Institute

Christopher Koper

\$49,714

This research will examine the relationship between gun type, gun availability, and homicide by studying the effects of the mix of guns varying in lethality on urban homicide rates.

94-IJ-CX-0033

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

Tulane University

Joseph Sheley

\$189,553

This effort will include a national survey of weapon-related violence, victimization, and associated behavior of a random sample of 3,000 male high school juniors and seniors as well as a nationally representative sample of urban and nonurban high schools. The study will examine the incidence of weapon-related activity in these schools and strategies for responding to such activity.

94-MU-CX-K003

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

Emory University School of Public Health

Arthur Kellermann

\$499,846

The study, jointly funded by NIJ, the Centers for Disease Control and Prevention, and the Office of Juvenile Justice and Delinquency Prevention, will employ a problem-solving approach to reduce gun violence by youths in metropolitan Atlanta. Researchers will work with the community and State and local governments to analyze the magnitude, extent, and characteristics of the problem and then to implement and evaluate a broad-based approach to combat firearm violence by youths.

Gangs

94-IJ-CX-0053

Evaluating Nevada's Anti-Gang Legislation and Gang Prosecution Units

University of Nevada—Las Vegas

Terance Miethe

\$169,479

This project will examine two approaches to increasing formal responses to gang activity in Nevada—anti-gang statutes and specialized prosecution units—and assess the effectiveness and impact of gang prosecution units.

94-IJ-CX-0058

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

University of Nebraska

Finn-Aage Esbensen

\$183,318

A long-term evaluation of the Gang Resistance Education and Training (G.R.E.A.T.) program will be conducted in collaboration with the Bureau of Alcohol, Tobacco, and Firearms. It will assess the instruction of G.R.E.A.T. officers and evaluate the effectiveness of the program on attitudes and behavior.

93-IJ-CX-0051-S1

Evaluation of Youth Gang Drug Intervention Prevention Program for Female Adolescents

Development Services Group, Inc.

Alan M. Bekelman

\$100,000

This effort will include a process and impact evaluation of programs in Seattle, Pueblo (Colorado), and Boston that attempt to prevent the involvement of at-risk female youths in gangs.

94-IJ-CX-0066

Extended National Assessment Survey of Anti-Gang Law Enforcement Information Resources

University of Missouri

G. David Curry

\$53,358

This project will update methods for measuring gang-related crime, examine the quality of gang-related information collected by police departments, and examine the role of community characteristics in gang behavior and the variations by gender in gang activity.

94-IJ-CX-0013

Pre- and Post-Test Evaluation of the G.R.E.A.T. Program

Arizona State University

Alan R. Brown

\$116,243

A pretest-posttest design, which will measure behavior, attitudes, and knowledge of students before and after they participate in the G.R.E.A.T. curriculum, will be used to evaluate the efficiency of the program at 11 new U.S. sites during the spring 1994 semester.

Other Violent Crimes

94-IJ-CX-0031

Developmental Antecedents of Sexual Aggression

Joseph J. Peters Institute

Robert Prentky

\$205,662

This project will analyze data to determine if the developmental antecedents of sexual aggression differ for convicted rapists and self-reported coercive college students compared with two control groups.

92-IJ-CX-0013

Secret Service Exceptional Case Study Project

Robert A. Fein

\$166,944

This project will examine the stalking behavior of individuals who attacked, assassinated, or approached public officials and/or public figures in the United States since 1950. Findings will be included in case studies and other training materials for the Secret Service.

94-IJ-CX-0032

Unemployment and Weapon-Specific Violent Crime Rates: National, State, and City Analyses, 1975-1990

Western Michigan University

Susan Carlson

\$24,940

The proposed research will analyze Uniform Crime Report data and unemployment data to provide information on

trends in violent crime rates disaggregated by specific offense characteristics, such as type of weapon used.

Goal II: Reduce Drug- and Alcohol-Related Crimes

94-IJ-CX-A051

Drug Court Intervention Project of the D.C. Superior Court

D.C. Pretrial Services Agency

John A. Carver

\$658,924

This project uses funds from the Center for Substance Abuse Treatment (CSAT), U.S. Department of Health and Human Services, to establish a drug court in the District of Columbia.

94-IJ-CX-K011

Drug Court Program in D.C.—An Evaluation

The Urban Institute

Adele Harrell

\$331,076

With funds from CSAT, this project will evaluate the Drug Court Intervention Program of the D.C. Superior Court.

91-IJ-CX-K023

Drug Testing for Youthful Offenders on Parole: Experimental Study

California Department of Youth Authority

Rudy Haapanen

\$153,123

This award extends funding for an experimental project to compare the effects of different levels of routine, unscheduled drug testing on criminality and parole adjustment among young adult offenders on parole.

94-IJ-CX-0036

Hair Assays and Urinalysis for Drug Use Among Juvenile Offenders

Operation PAR, Inc.

Tom Mieczkowski

\$129,264

This project will measure the incidence of drug use among two populations of arrested/detained juveniles that differ significantly in demographic attributes.

93-IJ-CX-K004

Implementation of a Diversionary Program by the Orleans Parish District Attorney for Drug Offenders, Utilizing Hair and Urine Testing

Orleans Parish District Attorney

Rosemary Mumm

\$115,663

This award extends funding for a project to plan, implement, and evaluate a prosecution diversion program for first-time felony drug offenders that monitors offenders' drug use through hair and urine testing and provides drug treatment and social services.

94-IJ-CX-0022

**Psychoactive Substances and Antisocial Behavior:
Key Issues**

University of Baltimore
Diana H. Fishbein
\$13,734

A comprehensive literature review of drug-related crime and behavior will be performed to assess the state of current research and to identify future research needs.

The DUF Program

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

94-IJ-CX-K002

AutoDUF

University of Maryland-College Park
Eric Wish
\$121,799

Training will be provided to staff at 12 DUF sites in the use of automated interviewing of arrestees to obtain information about drug abuse.

91-IJ-CX-C004

**DUF Program—Laboratory Analysis of Urine
Specimens**

PharmChem Laboratories, Inc.
Keith W. Patten
\$103,257

This contract provides for analyzing the urine specimens collected from sampled booked arrestees, including juvenile detainees.

94-IJ-CX-C009

**DUF Program—Laboratory Analysis of Urine
Specimens**

National Center for Forensic Science
Lionel Menard
\$205,008

This contract provides for analyzing the urine specimens collected from sampled booked arrestees, including juvenile detainees.

93-IJ-CX-C002

DUF Program—Statistical Analysis

Aspen Systems Corporation—Applied Management
Science Group
Lilly Gardner
\$582,670

This contract provides for statistical analysis of DUF data. The findings are used to track drug use trends as well as serve as the basis for the formulation of policy and development of treatment programs.

94-IJ-R005

Drug Use Forecasting (DUF)—Atlanta

City of Atlanta Office of Corrections
Tom Pocock
\$36,560

94-IJ-CX-A026

Drug Use Forecasting (DUF)—Cleveland

Cleveland Department of Public Safety
Sonia Alemagno
\$84,507

94-IJ-CX-A039

Drug Use Forecasting (DUF)—Dallas

Dallas County Sheriff's Department
Pat McMillan
\$29,675

94-IJ-CX-A020

Drug Use Forecasting (DUF)—Detroit

Michigan State University—East Lansing
Tim Bynum
\$65,344

94-IJ-CX-A030

Drug Use Forecasting (DUF)—Fort Lauderdale

Broward County Sheriff's Office
Helen Tragus
\$66,588

94-IJ-CX-A043

Drug Use Forecasting (DUF)—Los Angeles

Public Health Foundation of Los Angeles County, Inc.
Douglas Anglin
\$106,242

94-IJ-CX-A013

Drug Use Forecasting (DUF)—Manhattan

New York City Office of Drug Abuse Policy
Bruce Johnson
\$79,717

94-IJ-CX-A029

Drug Use Forecasting (DUF)—Miami
Metropolitan Dade County
Tim Murray
\$36,979

94-IJ-CX-A014

Drug Use Forecasting (DUF)—New Orleans
Orleans Parish Criminal Sheriff's Office
Michael Geerken
\$31,740

94-IJ-CX-A022

Drug Use Forecasting (DUF)—Philadelphia
Philadelphia Police Department
Mary Ann Ausetts
\$65,947

89-IJ-A028

Drug Use Forecasting (DUF)—Phoenix
TASC, Inc., of Arizona
Barbara Zugor
\$45,278

94-IJ-CX-A019

Drug Use Forecasting (DUF)—Portland, Oregon
TASC of Oregon, Inc., National Consortium
Linda Tyon
\$56,820

94-IJ-CX-A027

Drug Use Forecasting (DUF)—San Jose
Santa Clara County Bureau of Drug Abuse Services
John Larson
\$67,700

94-IJ-CX-A045

Drug Use Forecasting (DUF)—St. Louis
St. Louis, Missouri, Board of Police
Scott Decker
\$62,196

94-IJ-CX-A035

Drug Use Forecasting (DUF)—Washington, D.C.
D.C. Pretrial Services Agency
Kathryn R. Boyer
\$35,708

Goal III: Reduce the Consequences of Crimes

94-IJ-CX-0051

Community Structure and Patterns of Criminal Homicide
University of Maryland—College Park
Brian Wiersema
\$24,986

This project will examine differences in homicide rates as they relate to differences in individual (victim/offender) and community characteristics.

94-IJ-CX-0035

Crime-Induced Business Relocations and Prevention Programs
University of Texas—Austin
David Huff
\$137,532

A survey of 500 businesses will be conducted to examine the influence of crime on business relocation decisions and to identify crime prevention strategies for businesses.

94-IJ-CX-0029

Family Bonds and Criminal Careers: A Study of Mexican-American and Asian-American Offenders
Arizona State University
Mayling Chu
\$5,000

This project seeks to study the effects of family bonds on Asian Americans and Mexican Americans who have criminal careers.

94-IJ-CX-K004

Health Care Fraud Control in an Electronic Environment
President and Fellows of Harvard College
Malcolm Sparrow
\$114,460

This study will examine the new opportunities for fraud as the health care industry shifts to electronic claims processing, identify the principal vulnerabilities to fraud, and set the framework for the development of a model for new electronic and other detection and investigative techniques necessary for fraud control.

94-IJ-CX-0018

Influence of Crime, Neighborhood Change, and Disorder on Residences and Businesses
Temple University
Ralph Taylor
\$25,000

The research will study the extent to which such community "contextual" factors as crime, neighborhood structural

change, and disorder affect residents' commitment to and confidence in the neighborhood, willingness to exercise social control, and involvement in neighborhood improvement.

94-IJ-CX-0037

Study of Convenience Store Crime in Five States

Justice Research and Statistics Association

David Kessler

\$104,010

The project will complement the Association's ongoing study of robbery-related convenience store employee assaults and homicides, using perpetrator and employee-owner interviews and analysis of the store's neighborhood context.

94-IJ-CX-0054

Use of Closed-Circuit Television and Videotaped Testimony in Child Sexual Abuse Trials: An Evaluation of the Bureau of Justice Assistance Program

American Bar Association

Sharon Elstein

\$74,796

This evaluation will examine the implementation of closed-circuit televised and videotaped testimony in child sexual abuse cases in 28 jurisdictions and will focus on perceptions of how effectively such technologies reduce victim trauma while testifying and how often such technologies are successfully introduced into the prosecution/adjudication process.

Goal IV: Develop Crime Prevention Programs

94-JC-CX-0001

Children as Witnesses to Violence: An Evaluation of an Intervention Program for Elementary School Children Exposed to Community Violence

Howard University

Hope Hill

\$58,486

This project will evaluate a culturally appropriate, multi-level, afterschool intervention program for African-American children that is intended to reduce the likelihood that the children will experience negative psychological effects of community violence or engage in violent behavior.

94-IJ-CX-0048

Collection of Baseline Impact Data for the Weed and Seed Program

Institute for Social Analysis

Janice Roehl

\$299,630

This project will collect baseline data for a national impact evaluation of eight Weed and Seed sites.

94-IJ-CX-0063

Crime Prevention Programs in Public Housing: The Jersey City Approach to Drug and Violent Crime Problems in Public Housing

Jersey City, New Jersey, Police Department

Frank Gajewski

\$198,019

This project will establish and evaluate a coordinated and integrated crime prevention approach in six public housing sites in Jersey City that have exceptionally high reports of crime.

94-IJ-CX-0062

Dynamics of Violent Incidents Among Inner-City Adolescents: Study of Public School Students in Atlanta, Georgia

Clark Atlanta University

Daniel Lockwood

\$44,293

This project will gather information for use in the design of a school curriculum that better addresses school violence.

94-IJ-CX-0065

Evaluation of the Bureau of Justice Assistance Comprehensive Communities Program

Botec Analysis Corporation

Jenny Rudolph

\$299,532

This project will evaluate the implementation and coordination processes of six Comprehensive Communities Program sites, yielding cross-site and individual site data that could be used in a future impact evaluation of this program.

94-IJ-CX-K008

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

Rana Sampson, NIJ Visiting Fellow

\$143,837

The project will study and describe successful problem-solving efforts of police and community members, using onsite minicase studies, interviews, and consultations with national and Federal entities.

94-IJ-CX-0030

Robbers and Robbery: Prevention and the Offender

University of Missouri

Richard Wright

\$163,871

This ethnographic study of robbery and its offenders in St. Louis will focus on the factors area robbers take into account when contemplating the commission of a crime—opportunities, risks, and rewards.

94-IJ-CX-K015

Safe Travel to and From School: A Problem-Oriented Policing Strategy

Temple University
Jack Greene
\$46,454

Philadelphia's North Central Police Department and the Center for Public Policy of Temple University will implement problem-oriented policing strategies to address the safety of school-age children as they travel to and from school.

94-IJ-CX-0059

SMART Program Expansion

Robert W. Long
\$100,000

This project will expand the School Management and Resource Teams (SMART) program into several new pilot school districts and will examine districtwide policies and practices regarding safety, crime, and drugs.

94-IJ-CX-0015

Understanding and Responding to the Effects of Crime on Afterschool Youth Development Programs LINC

Marcia R. Chaiken
\$49,978

This project will examine crime-related problems faced by community-based organizations that provide youth programs during nonschool hours and how these organizations are dealing with the problems.

Goal V: Improve the Effectiveness of the Criminal Justice System

92-IJ-CX-0002

Police Use of Force

Ellen M. Scrivner, NIJ Visiting Fellow
\$40,000

This project continues to examine how police psychologists handle the use of excessive force by the police, and it will result in case studies of methods used by police departments to respond to this problem.

94-IJ-CX-0043

Requirements Analysis for Automated Police Hiring

Ellen M. Scrivner
\$25,000

Research will be conducted to facilitate the development of an automated system for screening potential candidates and using post-hiring performance data to identify applicants unsuitable for police work.

Community Policing

94-IJ-CX-K014

Community Police Officer Survey

Center for Criminal Justice Studies
Elizabeth Langston
\$49,991

The project will examine the attitudes of 100 community police officers toward various components of community policing.

94-IJ-CX-0006

Community Policing Training/Varieties of Rural Policing: An Exploratory Study

Gary W. Cordner, NIJ Visiting Fellow
\$68,535

This project will conduct a meta-analysis of evaluations of what works in community policing. It will consist of a review, compilation, and assessment of all published articles and reports that include community policing.

94-IJ-CX-0027

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

San Diego Association of Governments
Susan Pennell
\$275,971

This project examines the effectiveness of using enhanced crime analysis information and mapping techniques for preventing motor vehicle thefts and enforcing relevant laws.

94-IJ-CX-K009

Developing a Research Capacity for Problem-Oriented Policing in Lexington, Kentucky

Eastern Kentucky University
Gary W. Cordner
\$31,944

This demonstration project will implement a problem-oriented policing strategy to help address the problem of mental health emergencies in order to (1) reduce the impact of mental health emergencies upon the community, health and social services agencies, and the police and (2) enhance the research, problemsolving, and evaluation capacities of the police.

94-IJ-CX-0011

Evaluation of Chicago's Neighborhood Policing Program—Year 1

Northwestern University
Wesley Skogan
\$54,218

This project provided partial support for an evaluation plan to examine how and to what extent community policing is implemented in five prototype areas in Chicago through

monitoring of neighborhood police-citizen beat meetings. It also will assess the program's effects on crime "hot spots."

94-IJ-CX-0046

Evaluation of Chicago's Citywide Community Policing Program—Year 2

Northwestern University
Wesley Skogan
\$586,177

Under this project, Chicago's citywide community policing program will be evaluated, resulting in a detailed description of Chicago's efforts, an analysis of how the program developed and changed over time, and an assessment of the program's impact.

94-IJ-CX-0044

First-Line Supervision in the Community Policing Context

Police Foundation
Mary Ann Wycoff
\$199,070

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

94-IJ-CX-0042

National Assessment of Community Policing Training

Institute for Law and Justice, Inc.
Tom McEwen
\$119,533

This project will assess the nature, quality, and scope of community policing training using a national survey of a representative sample of police chiefs, sheriffs, and training academy directors and indepth interviews at selected sites.

94-IJ-CX-0012

Transferring Community-Oriented Policing: An Alternative Strategy

International City/County Management Association
E. Roberta Lesh
\$199,975

Under this project, the Association will continue to conduct workshops on community policing for local government teams that include city managers, police chiefs, other local government officials, and community leaders.

Corrections

94-IJ-CX-K010

Advanced Electronic Monitoring and Tracking of Persons on Probation or Parole

Westinghouse Science and Technology
John H. Murphy
\$410,862

This project will determine the feasibility of using an automated surveillance system to continuously monitor the movement and location of persons on probation or patrol who are wearing a transmitter device.

94-IJ-R-025

Aqueous Foam System

U.S. Department of Energy, Sandia National Laboratories
Steve Scott
\$292,000

This project will establish requirements for the use of aqueous foam as a means to combat violent behavior in a correctional environment, assess health and safety risks, and evaluate the effectiveness of this system.

94-IJ-CX-0014

Classification for Recidivism Risk: A Hazard Model Approach

Richard L. Linster, NIJ Visiting Fellow
\$107,815

This project continues an effort to develop and apply models to predict recidivism risk among parolees and probationers.

94-IJ-CX-0060

Development of a Model Evaluation Instrument for Correctional Education Programming

Correctional Education Association
Stephen Steurer
\$28,189

This project will develop a model evaluation instrument to study the effects of education on adult inmates. The project will measure the effects on employment and recidivism and review which factors in correctional education programming have the greatest impact on inmates.

94-IJ-CX-0028

Drug User Accountability and Long-Term Recidivism

Arizona State University
John Hepburn
\$29,994

This effort will update a previous impact evaluation of a drug demand-reduction program that provided either full prosecution or diversion to substance abuse treatment. The project

will expand the outcome analysis of the original 7,912 offenders to a 6-year followup study.

94-IJ-CX-0019

Enhancing the Evaluation of Outcomes of Innovative Boot Camps

Tom Castellano, NIJ Visiting Fellow

\$212,486

This project will explore the factors associated with the implementation and development of innovative correctional boot camps, including the impact of boot camps on offenders' psychological traits, such as self-esteem, locus of control, and problemsolving skills.

92-DD-CX-K037

Evaluation of Correctional Options Demonstration Program

National Council on Crime and Delinquency

James Austin

\$100,000

Individual evaluation designs will be developed for four correctional options demonstration sites funded by the Bureau of Justice Assistance, data collection instruments will be finalized, and admission and screening forms will be processed as they are received from sites.

94-IJ-CX-0010

Evaluation of the Fresh Start Program

The Urban Institute

H. Morton Grant

\$379,398

This 4-year effort will include a process evaluation, impact evaluation, and cost-benefit analysis of the Fresh Start program, which provides an array of services to probationers and parolees leaving prisons and jails and returning to their communities.

94-IJ-CX-0057

Evaluation: Providing Counsel to Incarcerated Aliens

Rutgers University

Candace McCoy

\$14,127

This project will evaluate a program to provide counsel to incarcerated aliens in selected corrections facilities in the State of New York.

94-IJ-CX-0034

Followup on the Harris County, Texas, Boot Camp Program

Sam Houston State University

Billy C. Covington

\$18,502

This research study will examine the post-release behavior of "graduates" of a boot camp program in Harris County, Texas,

to determine the effectiveness of the Court Regimented Intensive Probation Program in reducing recidivism.

94-IJ-CX-K013

Girl Scouts Behind Bars Program: Research and Evaluation

University of Baltimore

Kathleen Block

\$61,590

The University of Baltimore will conduct a study of the Maryland Girl Scouts Behind Bars program and its participants.

94-IJ-CX-K005

HIV/AIDS and Tuberculosis in Correctional Facilities

Abt Associates, Inc.

Theodore Hammett

\$50,000

A survey will be conducted among Federal, State, and local correctional systems in the United States to determine the incidence of HIV/AIDS and tuberculosis.

92-IJ-CX-K027

Management of Special Populations: Female Offenders

Michigan State University

Merry Morash

\$31,600

A national assessment will be conducted to determine the ways in which correctional officials are managing the increased numbers of female offenders in the criminal justice system.

92-IJ-CX-K020

Management of Special Populations: Mentally Disabled Offenders

Policy Research Associates, Inc.

Henry J. Steadman

\$100,000

An analysis of the mental health services provided in correctional facilities will be performed, and recommendations will be prepared regarding what mental health and criminal justice system administrators can do to improve service delivery.

94-IJ-CX-0016

Measuring Probation and Parole Effectiveness Using Alternative Outcome Measures

University of California-Irvine

Crystal Garcia

\$21,702

Alternative outcomes that can be used as measures of success or failure of probation and parole will be identified and analyzed using data from the 14-site National Intensively Supervised Probation Demonstration Project.

94-IJ-CX-0021
Measuring Rehabilitation in Offender Populations

University of Chicago

Ardith A. Spence

\$5,000

This NIJ Young Scholars Program study will review work-release programs and programs to improve offenders' chances for employment upon release.

94-IJ-CX-0064

Substance Abuse Treatment Using Cognitive Behavior Therapy: The Oklahoma Department of Correction's Systematic Strategy

University of Maryland-College Park

Doris MacKenzie

\$49,928

This research study will investigate the impact of a cognitive behavior therapy program on substance-abusing offenders (initiated by the Oklahoma Department of Corrections) that was designed to follow offenders while in correctional institutions and after their release into the community.

Forensic Sciences

92-IJ-CX-K042

Design of a DNA Profile System Using Short Tandem Repeats

Baylor College of Medicine

C. Thomas Caskey

\$96,933

The goal of this project is to develop and implement short tandem repeats as the loci of choice for DNA polymerase chain reaction (PCR)-based testing technology, which will allow DNA profiles to be generated manually and automatically by amplifying and visualizing the short tandem repeats.

93-IJ-CX-0030

Development of Capillary Electrophoresis for Application in Forensic DNA Testing Procedures

University of Virginia

Ralph Allen, Jr.

\$76,223

This supplemental study will collect sequence polymorphisms from mitochondrial DNA (mtDNA) in various racial and ethnic subpopulations to examine genetic variability among them.

93-IJ-CX-0008

DNA Forensic Science: An Update

National Academy of Sciences

Eric Fisher

\$109,880

A panel of experts will review and analyze the major alternative approaches to the statistical evaluation of DNA evidence

to clarify the statistical and genetic issues in determining the probability that a DNA match is not random.

94-IJ-CX-0002

Forensic Evidence in Sexual Assault Cases

John Jay College, New York Research Foundation

Lawrence Kobilinsky

\$17,500

The purpose of this study is to find a simple, effective, and reliable method to isolate sperm from sperm-vaginal swab mixtures to augment the DNA PCR analysis of sexual assault evidence.

94-IJ-CX-R004

PCR-Based DNA Testing in the Forensic Sciences—Technology Assessment Program

National Institute of Standards and Technology

Dan Frank

\$100,000

This award will fund the development of PCR-based DNA testing.

94-IJ-CX-0025

Supercritical Fluid Extraction and Chromatographic Analysis for Dating Inks

University of Florida

Ian R. Tebbett

\$48,425

To perfect the dating of inks, this study will examine the effects of various storage conditions and paper types on aging of ink as well as construct aging curves for all inks maintained in the Internal Revenue Service's ink collection.

94-IJ-CX-0039

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

Louisiana Tech University

Kenneth G. Schoenly

\$208,502

Scientific testing will be performed to authenticate the currently used method for determining the post-mortem interval.

Less-Than-Lethal Technology

94-IJ-R-007

Airbag Restraint System for Patrol Vehicles

Idaho National Engineering Laboratory

Donna J. Marts

\$155,000

This project involves the design and fabrication of a prototype rear seat airbag that can be deployed by a patrol vehicle driver to physically restrain rear seat occupants who become violent during transport.

92-IJ-CX-K017

Application/Evaluation of Less-Than-Lethal Weapons in Jails and Patrol Situations

National Sheriffs' Association

John Griffin

\$73,579

This project will test the potential applicability of less-than-lethal methods to such law enforcement and corrections operations as containment or de-escalation of riots or violence by individuals.

94-IJ-R-055

Design, Fabrication, and Testing of a Tire Deflator System for Use at Law Enforcement Checkpoints

Eagle Research Group, Inc.

Bert Soleau

\$78,000

A lightweight tire deflation device will be designed, produced, and tested for its potential use by law enforcement officers to prevent vehicles from evading security checkpoints, such as those operated by the U.S. Border Patrol and Customs Service.

94-IJ-CX-K006

Evaluation of Oleoresin Capsicum and Stun Device Effectiveness

National Sheriffs' Association

John Griffin

\$349,622

Data on the reliability and effectiveness of pepper spray and hand-held electrical stun devices as an alternative to other use-of-force techniques in jail settings will be collected and analyzed to determine whether such devices should be used in these settings and to provide recommendations for modifying existing procedures and policies regarding their use.

92-IJ-CX-K031

Field Evaluation of Less-Than-Lethal Weapons in a Prison Setting, Phase Two

American Correctional Association

William Taylor

\$49,971

The applicability of less-than-lethal devices in a correctional setting will be evaluated to ensure that the developing technologies in this area meet the needs of corrections officers.

94-IJ-R-012

Hands-Free Voice Transmitter and Individual Officer Locator

Idaho National Engineering Laboratory

Clifton E. Stine

\$60,000

The purpose of this project is to design and produce a miniature device that locates the person wearing it, operates by a

short-range one-way voice transmitter, and can be worn around a police officer's shirt collar.

94-IJ-R-008

Less-Than-Lethal Weapons Program—Fleeing Vehicle Tagging System

Idaho National Engineering Laboratory

Glenn E. Shell

\$310,000

This project will identify potential suppliers of suitable launchers, projectiles, and tagging systems for less-than-lethal weapons; evaluate identified technologies; and present recommendations for the development of such a product for law enforcement.

92-IJ-CX-A016

Less-Than-Lethal Weapons Program—Technical Support

Office of Intelligence, U.S. Department of Energy

Barbara A. Moyers

\$243,100

The U.S. Department of Energy will provide a technical project director to support research under the Less-Than-Lethal Weapons Program.

93-IJ-CX-K007

Less-Than-Lethal Weapons Technology and Policy Assessment

Burkhalter Associates, Inc.

V. Adm. E.A. Burkhalter, Jr.

\$36,065

Military and Federal less-than-lethal technologies and related policy issues will be analyzed for their applicability to criminal justice situations, and recommendations will be made for enhancing criminal justice strategy programs.

94-IJ-CX-0008

Less-Than-Lethal Weapons Technology and Policy Liability—Technical Assistance

Burkhalter Associates, Inc.

V. Adm. E.A. Burkhalter, Jr.

\$125,402

A panel of experts will study technologies that are being considered for research by NIJ's Less-Than-Lethal Weapons Program to determine the legal liability certain technologies may pose and make recommendations regarding their implementation.

94-IJ-R-006

Retractable Spiked Barrier Strip

Idaho National Engineering Laboratory

Donna J. Marts

\$125,000

This award will support the design and production of a por-

table, remotely activated, retractable hollow-spiked barrier strip to interdict and halt fleeing vehicles.

94-IJ-R-021

Smart Gun Technology

U.S. Department of Energy, Sandia National Laboratories

Cliff Harris

\$620,000

The purpose of this project is to develop requirements for a handgun that can be operated only by the authorized user, to evaluate possible technologies that meet the requirements, and to develop a model "smart" handgun using the selected technologies.

Prosecution/Adjudication

94-IJ-CX-0026

Can Jurors Accurately Evaluate Hearsay Evidence?

University of California-Irvine

Bill Thompson

\$18,662

This research project will examine the ability of jurors to properly evaluate hearsay evidence in child abuse cases.

94-IJ-CX-0049

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

Brandeis University

Raymond Knight

\$218,484

This study extends the development of diagnostic instruments, including the Multidimensional Assessment of Sex and Aggression, for both adults and juveniles, as well as offender typologies that had been created previously.

94-IJ-CX-0004

Emerging Experiments in Community Prosecution

Barbara Boland, NIJ Visiting Fellow

\$123,939

This research will focus on innovative approaches by prosecutors to reduce crime and will examine two pilot projects (in New York and Oregon) that have adopted a "selective problem approach," which represents a new mode of operation for prosecutors.

94-IJ-CX-0005

Guidelines for Physical Security of Court Facilities

National Sheriffs' Association

Aldine N. Moser, Jr.

\$199,583

The proposed research will convene an advisory group representing all interests and possible contributors to improved

courthouse security, use the group's input to design and execute a national survey of existing courthouse security resources and managerial problems, recommend physical and managerial improvements, and develop security guidelines.

94-IJ-CX-0040

Impact of Mandatory Minimum Sentences on Felony Case Processing

National Center for State Courts

John Goerd

\$190,836

This study will examine the impact of mandatory minimum sentences for first-time drug offenders and mandatory minimum sentence enhancements for habitual offenders. The effect of the felony-charging and plea negotiation process on trial dates, backlogs, and delay and conviction rates will be studied.

94-IJ-CX-0003

The 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

\$238,223

This project will examine court, prosecutor, and defender resources; case management procedures; and methods of interagency coordination and their impact on the pace and outcome of felony adjudication.

93-IJ-CX-0001

Intermediate Sanctions: Developing an Effective Intermediate Punishment System Model

Helen G. Corrothers, NIJ Visiting Fellow

\$59,333

This award extends a project to examine intermediate sanctions as appropriate punishments and make recommendations regarding the best combination of sanctions to ensure an effective intermediate punishment system model.

94-IJ-CX-0020

Study of Juvenile Justice Programs in Prosecutor Offices

Ann Taylor, NIJ Visiting Fellow

\$104,816

A review of relevant literature and a process evaluation of three different-sized prosecutors' offices that are geographically diverse will be performed to determine which juvenile justice programs in these offices should be replicated, modified, or adopted in other jurisdictions.

94-IJ-CX-0061
Survey of Federal, State, and Local Prosecutors
on Computer Crime

Rutgers University
 Elin J. Waring
 \$20,000

A survey will be conducted to identify prosecutorial districts with relatively high computer crime caseloads, provide information regarding the investigation and prosecution of computer crime, and contribute to the further development of a national data source on computer crime.

Other

92-IJ-CX-0009
Americans With Disabilities Act: Implications
for Criminal Justice

Paula N. Rubin, NIJ Visiting Fellow
 \$173,880

This project will continue research on the implications of the Americans With Disabilities Act for criminal justice agencies; the policies and programmatic responses arising in the field; and the evolving case law, legal interpretations, and regulatory policy.

94-IJ-CX-0007
Estimating Fiscal Impacts of Undocumented
Immigrants

The Urban Institute
 Jeffrey S. Passel
 \$68,809

This project will provide estimates of taxes paid by and the costs of undocumented immigrants nationally and in seven States with large numbers of undocumented immigrants. It also will critically assess the States' estimates of the costs.

94-IJ-CX-0023
External Review of the U.S. Border Patrol and Its
Measures of Effectiveness

Burkhalter Associates, Inc.
 V. Adm. E.A. Burkhalter, Jr.
 \$38,000

Under this project, a group of analysts and policymakers with expertise in border patrol operations will review U.S. Border Patrol Measures of Effectiveness and recommend improvements to ensure that the measures result in a high degree of surveillance and, as needed, interdiction in border violation incidents.

94-IJ-CX-K007
Improving the Recruitment of Hispanics into Law
Enforcement Careers

Hispanic-American Police Command
 Officers' Association

Jesse Gallegos
 \$24,293

A workshop will be conducted to develop research parameters for a study regarding the effectiveness of current law enforcement recruitment practices and methods used to attract Hispanic candidates.

92-IJ-CX-0012
John B. Pickett Fellowship in Criminal Justice Policy
and Management

President and Fellows of Harvard College
 Peter Zimmerman
 \$86,314

The John B. Pickett Fellowship at Harvard's Kennedy School of Government provides full tuition, fees, and related expenses for one or more students pursuing a 1-year master's degree program in public administration and will assist career professionals who seek to expand their knowledge of criminal justice policy and management.

94-IJ-CX-0045
Mapping Violence and High-Frequency Calls for
Police Services Across Time: The Charlotte, N.C.,
Example

Southern Illinois University
 Jim LeBeau
 \$46,618

This project will use 10 years of police data from Charlotte, North Carolina, and an information system to analyze, assess, and display information on violent crime and high-frequency calls for police service, over time, in more than 500 geographic units.

94-IJ-R-003
Medical Assessment of Level IIA Threats Against
Lightweight Body Armor

Office of the Armed Forces Medical Examiner, Armed
 Forces Institute of Pathology
 Arthur C. Burns
 \$5,000

This project will analyze 39 data sets from the military's Aberdeen Proving Grounds that relate blunt trauma effects to body armor and ammunition rounds (9 mm and .357 Magnum).

94-IJ-R-046
Technology Information Network Support

U.S. Department of the Navy
 Joseph Knoefel
 \$300,000

Resources, assistance, and recommendations on technical and other matters will be provided to develop a Technical Information Network and National Law Enforcement Technology Center.

Goal VI: Develop, Promote, and Use Criminal Justice Research, Evaluation, and Technology

91-IJ-CX-A009

Computer Support

University of Maryland-College Park, Computer Science Center

Ira Gold

\$15,000

This project will provide computer services for NIJ research staff to enable them to analyze data for the purpose of studying drug abuse and criminal behavior.

94-IJ-CX-K016

Creation of a Working Group on Law Enforcement Technology

Eagan, McAllister Associates, Inc.

Robert Greenberg

\$134,979

This technical assistance project will examine how best to facilitate the broader involvement of the private sector in producing new technology for all sectors of the criminal justice system.

92-IJ-CX-C004

Data Resources Program

University of Michigan

Christopher Dunn

\$270,810

This program produces machine-readable data sets of research projects funded by NIJ, assesses and documents software products, and provides support and assistance for research projects undertaken by NIJ staff.

94-IJ-CX-0024

Florida's Criminal Justice Workforce Research Information System

Florida Department of Corrections

William Bales

\$49,870

This joint project between Florida's corrections and law enforcement departments will design and implement a workforce management information system to study ways to enforce the law and carry out punishment policies.

90-MU-CX-C005

National Criminal Justice Reference Service

Aspen Systems Corporation

Richard S. Rosenthal

\$1,966,475

This clearinghouse serves as a central repository for criminal justice research literature for NIJ and is organized to disseminate information as well as provide an infrastructure to

support both shared and individual program needs of all components of the Office of Justice Programs.

94-IJ-CX-A036

1994 World Cup Soccer Championship Foreign Law Enforcement

Federal Bureau of Investigation

Allison Ressler

\$125,000

This award supports the development of a document on international law enforcement cooperation in providing security for the 1994 World Cup Soccer Championship for use by Federal, State, and local law enforcement agencies.

OJP-94-021-M

Papers on Violence—Publication Support

National Academy of Sciences

Suzanne Stoiber

\$24,000

Publication of a volume of commissioned papers dealing with the criminal justice system dimensions and consequences of violence.

94-IJ-CX-A034

PAVNET (Partnership Against Violence Network) Online Gopher Server

National Agricultural Library

John D. Kane

\$57,758

This project will establish a centralized service on the Internet for locating anti-violence program information.

94-IJ-CX-C008

Professional Conference Series

Institute for Law and Justice, Inc.

Edward F. Connors

\$50,000

This series of conferences is NIJ's people-to-people program, an outreach mechanism and service arm supporting a variety of live, research-practitioner exchanges: conferences, workshops, planning and development meetings, and field program support and learning activities.

94-IJ-CX-C007

Research Applications Contract

Abt Associates, Inc.

Joan Mullen

\$500,000

This contract's objectives are to convey critical research findings and important advances in practice to the appropriate policy and professional audiences in useful formats, in a timely manner, and through the most cost-effective techniques.

94-IJ-CX-0001

Southern Black Caucus for Anti-Drug and Anti-Violence Institute

University of South Carolina

Andrew J. Chishom

\$19,900

The purpose of this grant is to convene a caucus of African-American legislators from Southern States who are concerned with drug abuse and violence in African-American communities to improve their awareness of related research findings and thereby strengthen their legislative roles.

91-MU-CX-C008

Technical Assistance and Support

KOBA Associates, Inc.

June B. Kress

\$1,053,473

The purpose of this contract is to provide support and assistance to the Institute in its full range of criminological and criminal justice research and development, dissemination, evaluation, and training activities.

94-IJ-CX-A004

Technology Assessment Program

National Institute of Standards and Technology

Lawrence K. Eliason

\$1,200,000

This project will continue efforts under the NIJ Technology Assessment Program, such as the development of DNA PCR standards, armor-piercing ammunition testing, trauma plate

testing, integrated systems digital network standards, ballistic studies in support of the body armor program, and technical support for less-than-lethal technologies.

90-IJ-CX-K009

Technology Assessment Program Information Center

Aspen Systems Corporation

Richard S. Rosenthal

\$949,926

This project will continue support for the implementation of Phase I of the National Law Enforcement Technology Center.

90-IJ-CX-K031

Technology Assessment Program Information Center

Aspen Systems Corporation

Richard S. Rosenthal

\$99,951

This continuation of support to the Technology Assessment Program Information Center will emphasize less-than-lethal technology.

The National Institute of Justice is a component of the Office of Justice Programs, which also includes the Bureau of Justice Assistance, Bureau of Justice Statistics, Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime.

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