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Selected Summaries

The *NIJ Research Review* is prepared quarterly by the National Institute of Justice (NIJ), the research, development, and evaluation agency of the U.S. Department of Justice. It contains short summaries of significant research findings from recently funded reports and lists titles of other recently completed projects.

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Department of Defense Non-Lethal Weapons and Equipment Review: A Research Guide for Civil Law Enforcement and Corrections

Center for National Security Studies. This report reviews nonlethal weapons and technologies that law enforcement and corrections officers can use to protect suspects, prisoners, and themselves. The report contains descriptions and photographs of such devices as batons, high-intensity lights, restraint systems, and obscuring smoke devices. The report also contains background information on the U.S. Department of Defense's nonlethal weapons programs. 72 pp. Grant 2001-LT-BX-K009; NCJ 200516. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/1.html.

Pregnancy-Associated Assault and Hospitalizations in Selected U.S. States, 1997: Exploring the Incidence and Risk for Hospitalized Assaults Against Women During Pregnancy

H.B. Weiss. Researchers tested the hypothesis that the hospitalization rate for assault is higher among pregnant women than all women of reproductive age, once controlled for age, race, and severity. The researchers did not find a significantly higher rate of violence-related hospitalization for pregnant women overall; however, they did find a moderate increase among young pregnant women ages 15 to 19. They also found that pregnant women tend to be hospitalized more than other women for minor assaultive injuries. 126 pp. Grant 1998-WT-VX-0016; funded

under the Violence Against Women Research Agenda (VAWRA); NCJ 199442. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/2.html.

Automated STR Analysis for DNA Databases

M.W. Perlin. This report describes a computer program that automates virtually every aspect of short-tandem repeat analysis of DNA databases. The program, TrueAllele, alleviates a shortage of trained human reviewers and has been found to provide consistent quality assessments and allele designations. It was also found that the system can provide comprehensive, uniform analysis that reduces human time and error. 20 pp. Grant 2000-IJ-CX-K005; NCJ 199069. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/3.html.

Violence Against Indian Women, Final Revised Report

P.J. Thurman et al. Researchers studied readiness to develop and implement effective violence-prevention efforts in 15 Native American communities in both urban and reservation settings. No significant difference was found between the urban and rural settings in level of readiness to counter violence, and both were equally ready to commit to prevention. The study concludes that measures to prevent violence against women must involve multiple systems, use tribal community resources, and take historical and cultural issues into consideration. 131 pp. Grant 1999-WT-VX-K007; funded under VAWRA; NCJ 198828. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/4.html.

These summaries do not contain sufficient information to adequately assess the significance of the findings as stated here. The full reports provide greater detail, including information on the research designs, data analyses, and study limitations.

Copies of full reports are available for a fee from the National Criminal Justice Reference Service by calling 800-851-3420.

Documents less than 25 pages long are \$10 each; documents 25 pages and longer are \$15 each.

Evaluating Treatment Drug Courts in Kansas City, Missouri, and Pensacola, Florida: Final Reports for Phase I and Phase II, L. Truitt et al. This report found that specialized drug courts for adults lowered criminal recidivism rates by 18 percent in Escambia County, Florida, and 15 percent in Jackson County, Missouri. The research showed that time to rearrest decreased in Jackson County and was accompanied by increased program participation. Factors that best predicted outcome included age, employment status, gender, and race/ethnicity. The defendant's mental health and motivation to stay in treatment varied in influence as predictors of success. 177 pp. Grant 1997-DC-VX-K002; funded in collaboration with the Drug Courts Program Office; NCJ 198477. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/5.html.

National Assessment of Technology and Training for Small and Rural Law Enforcement Agencies: A Descriptive Analysis, R. Baggett. Rural and small law enforcement agencies tend not to use or to be competently trained in sophisticated technologies such as car-mounted mobile data terminals and computers, digital imaging, and global positioning systems, according to this survey of agencies with 19 officers or fewer that serve populations of 50,000 or less. Few differences were found between municipal and county agencies. Survey respondents cited funding and budget restraints as impediments to acquiring technology training. 37 pp. Grant 1999-LT-VX-K022; NCJ 198619. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/6.html.

Managing Citizen Calls to the Police: An Assessment of Non-Emergency Call Systems, L. Mazerolle et al. This report examines the introduction of the 311 non-emergency call system and its impact on policing in Baltimore and Dallas. Although a reduction of nearly 5,000 emergency 911 calls per week was attributed to the implementation of the 311 system in

Baltimore (a 25 percent reduction), the non-emergency system had little impact on policing in Dallas. Analysis of the Baltimore system showed that a large number of calls related to larceny, parking, loud noise, destruction of property, gambling, and suspicious persons were placed to the 311 system. The report recommends testing a split-force approach to handling non-emergency calls and suggests that 911 calls be treated differently from calls to the 311 system. 310 pp. Grant 1998-IJ-CX-0067; funded in collaboration with the Office of Community Oriented Policing Services (COPS); NCJ 199060. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/7.html.

Mark of a Criminal Record, D. Pager. Results from this Milwaukee, Wisconsin, study suggest that race and history of incarceration play a significant role in a job-seeker's employment opportunities. In this study, black and white job candidates, paired based on similar appearance, age, and style of self-presentation, applied to a series of entry-level jobs. Paired candidates provided comparable qualifications to potential employers and took turns claiming that they had a criminal record. Findings show that ex-offenders are one-half to one-third as likely to receive initial consideration from employers as equivalent applicants without criminal records, and that blacks without a criminal record fared no better, and perhaps worse, than whites with criminal records. 249 pp. Grant 2002-IJ-CX-0002; NCJ 198320. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/8.html.

Other Research Projects

Baseline Psychopathology in a Women's Prison: Its Impact on Institutional Adjustment and Risk for Violence, J.I. Warren. 165 pp. Grant 1998-CE-VX-0027; funded in collaboration with Violent Offender Incarceration/Truth in Sentencing (VOITIS); NCJ 198621. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/9.html.

Decision Making in the Juvenile Justice System: A Comparative Study of Four States, R. Sarri et al. 363 pp. Grant 1998–JB–VX–0112; funded in collaboration with the Office of Juvenile Justice and Delinquency Prevention (OJJDP); NCJ 198620. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/10.html.

Changing Prison Management Strategies in Response to VOITIS Legislation, S. Turner et al. 159 pp. Grant 1998–CE–VX–0023; funded in collaboration with the Corrections Program Office (CPO); NCJ 198622. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/11.html.

Development of New Analytical Buffer Systems for the Separation and Analysis of PCR Amplified DNA by Capillary Electrophoresis, Final Report, B. McCord. 64 pp. Grant 1999–IJ–CX–K014; NCJ 198318. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/12.html.

Employment, Crime, and Context: A Multi-Level Analysis of the Relationship Between Work and Crime, T.P. Wadsworth. 243 pp. Grant 2000–IJ–CX–0022; NCJ 198118. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/13.html.

Organized Crime in Ukraine: Challenge and Response, J. Picarelli et al. 78 pp. Grant 2000–IJ–CX–0006; NCJ 198321. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/14.html.

Identification, Development and Implementation of Innovative Crime Mapping Techniques and Spatial Analysis, Final Report, J. Mollenkopf et al. 51 pp. Grant 1997–LB–VX–K013; funded in collaboration with the Local Law Enforcement Block Grant (LLEBG) Program; NCJ 198475. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/15.html.

Estimating Drug Use Prevalence Among Arrestees Using ADAM Data: An Application of a Logistic Regression Synthetic Estimation Procedure, M. Brecht et al. 98 pp. Grant 2000–IJ–CX–0017; NCJ 198829. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/16.html.

Variable Range Less-Than-Lethal Ballistic, Final Report, G. MacAleese. 65 pp. Grant 2000–LT–BX–K004; funded in collaboration with the LLEBG Program; NCJ 199046. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/17.html.

Gender, Economic Transformation and Urban Homicide, K. Parker. 77 pp. Grant 2001–IJ–CX–0008; NCJ 198659. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/18.html.

Developmental Theory and Battering Incidents: Examining the Relationship Between Discrete Offender Groups and Intimate Partner Violence, P. Mazerolle et al. 91 pp. Grant 1998–WT–VX–0007; funded in collaboration with the Office on Violence Against Women (OVW); NCJ 198827. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/19.html.

Responding to Domestic Violence in Southern Illinois, Final Report, J. McDermott et al. 196 pp. Grant 1999–WE–VX–K006; funded in collaboration with OVW; NCJ 198826. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/20.html.

Social Research—Getting It Right for Practitioners and Policy Makers, Final Report, G. Laycock. 129 pp. Grant 1999–IJ–CX–0050; NCJ 199361. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/21.html.

Non-Fatal Workplace Violence: An Epidemiological Report and Empirical Exploration of Risk Factors, D. O’Neil. 141 pp. Grant 1999–IJ–CX–0062; NCJ 199359. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/22.html.

Study of Female-on-Female Intentional Injuries in an Urban Community: A Proposal and Test of Gendered Theory, N.B. Hirschinger. 489 pp. Grant 2001–WT–BX–0505; funded in collaboration with OVW; NCJ 199366. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/23.html.

Understanding the Links Between Violence Against Women and Women’s Participation in Illegal Activity, Final Report, B.E. Richie. 49 pp. Grant 1999–WT–VX–0006; funded in collaboration with OVW; NCJ 199370. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/24.html.

Assessing Suicide and Risk Behaviors in an Incarcerated American Indian Population: Investigating Culturally Sensitive Risk Assessment Instruments and Procedures in a Border Jail, Final Report, M. Severson et al. 209 pp. Grant 1999–IJ–CX–0016; NCJ 199363. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/25.html.

Determinants of Citizen and Police Involvement in Community Policing, Final Report, L. Garcia et al. 143 pp. Grant 1996–IJ–CX–0011; NCJ 199367. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/26.html.

Outcome Assessment of Correctional Treatment, K. Knight et al. 57 pp. Grant 1999–RT–VX–K027; funded in collaboration with CPO; NCJ 199368. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/27.html.

Measuring Public Perceptions of Appropriate Prison Sentences, Final Report,

M.A. Cohen et al. 118 pp. Grant 1999–CE–VX–0001; funded in collaboration with OJJDP; NCJ 199365. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/28.html.

Rate of Force Used by the Police in Montgomery County, Maryland, Executive Summary,

E.R. Hickey et al. 100 pp. Grant 1998–IJ–CX–0086; funded in collaboration with the COPS Office; NCJ 199877. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/29.html.

National Evaluation of the Grants to Encourage Arrest Policies Program, Revised Final Report,

C. Archer et al. 211 pp. Grant 1998–WE–VX–0012; funded in collaboration with OVW; NCJ 199441. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/30.html.

Outcome Evaluation of the South Carolina Residential Substance Abuse Treatment Program for State Prisoners,

J.M. Miller et al. 88 pp. Grant 2000–RT–VX–K001; funded in collaboration with CPO; NCJ 199407. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/31.html.

Community-Based Analysis of the U.S. Legal System's Intervention in Domestic Abuse Cases Involving Indigenous Women,

T. Peacock et al. 461 pp. Grant 1999–WT–VX–K006; funded in collaboration with OVW; NCJ 199358. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/32.html.

Outcome Evaluation of the Forever Free Substance Abuse Treatment Program: One-Year Post-Release Outcomes,

M. Prendergast. 67 pp. Grant 1999–RT–VX–K003; funded in collaboration with CPO; NCJ 199685. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/33.html.

Effect of Gender and Family Status on Downward Departures in Federal Criminal Sentences,

A.S. Farrell. 213 pp. Grant 1999–IJ–CX–0064; NCJ 199684. The

full abstract can be found at http://www.ncjrs.org/rr/vol5_2/34.html.

Development of a National Study of Victim Needs and Assistance,

E. Brickman. 162 pp. Grant 1998–VF–GX–0011; funded in collaboration with the Office for Victims of Crime (OVC); NCJ 195625. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/35.html.

Forgoing Criminal Justice Assistance: The Non-Reporting of New Incidents of Abuse in a Court Sample of Domestic Violence Victims,

G.T. Holding et al. 43 pp. Grant 2000–WT–VX–0019; funded in collaboration with OVW; NCJ 195667. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/36.html.

Victim Satisfaction With Criminal Justice Case Processing in a Model Court Setting,

G.T. Holding et al. 45 pp. Grant 2000–WT–VX–0019; funded in collaboration with OVW; NCJ 195668. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/37.html.

Evaluation of the Youth Curfew in Prince George's County, Maryland: The Curfew's Impact on Arrests and Calls for Service,

C.G. Roman et al. 38 pp. Grant 1999–IJ–CX–0008; NCJ 200520. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/38.html.

Evaluation of the Youth Curfew in Prince George's County, Maryland, Final Report,

C. Gouvis. 34 pp. Grant 1999–IJ–CX–0008; NCJ 200519. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/39.html.

Research for Practice: Problem-Oriented Policing in Practice,

G. Cordner et al. 27 pp. Grant 1998–IJ–CX–0080; NCJ 200518. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/40.html.

Putting 100,000 Officers on the Street: A Survey-Based Assessment of the Federal COPS Program,

C.K. Koper et al. 38 pp. Grant 1995–IJ–CX–0073; funded in collaboration with the COPS Office; NCJ 200521. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/41.html.

Findings and conclusions of the research reported here are those of the authors and do not reflect the official position or policies of the U.S. Department of Justice.

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

COPS Program and the Spread of Community Policing Practices, 1995–2000, C.C. Johnson et al. 71 pp. Grant 1995–IJ–CX–0073; funded in collaboration with the COPS Office; NCJ 200517. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/42.html.

NIJ in the Journals

Characteristics Associated With the Prevalence and Severity of Force Used by the Police (Grant 95–IJ–CX–0066, NCJ 198755) J.H. Garner et al. From *Justice Quarterly*, Vol. 19, No. 4, December 2002. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/43.html.

I'm Not Against It in Theory: Global and Specific Community Policing Attitudes (Grant 95–IJ–CX–0093, NCJ 198485) J.A. Schafer. From *Policing: An International Journal of Police Strategies and Management*, Vol. 25, No. 4, 2002. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/44.html.

Managing Citizen Calls to the Police: The Impact of Baltimore's 3-1-1 CALL System (Grant 98–IJ–CX–0067, NCJ 198457) L. Mazerolle. From *Criminology & Public Policy*, Vol. 2, No. 1, November 2002. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/45.html.

Preventive Effects of Arrest on Intimate Partner Violence: Research, Policy and Theory (Grant 93–IJ–CX–0021, NCJ 198454) C.D. Maxwell. From *Criminology & Public Policy*, Vol. 2, No. 1, November 2002. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/46.html.

Reporting Sexual Victimization to the Police and Others: Results From a National-Level Study of College Women (Grant 95–WT–NX–0001, NCJ 198832) B.S. Fisher et al. From *Criminal Justice and Behavior: An International Journal*, Vol. 30, No. 1, February 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/47.html.

Does the Presence of Casinos Increase Crime?: An Examination of Casino and Control Communities (Grant 98–IJ–CX–0037, NCJ 199652) B.G. Stitt et al. From *Crime & Delinquency*, Vol. 49, No. 2, April 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/48.html.

Impact of Work-Family Conflict on Correctional Staff Job Satisfaction: An Exploratory Study (Grant 1999–CE–VS–0006, NCJ 199520) E.G. Lambert et al. From *American Journal of Criminal Justice*, Vol. 27, No. 1, Fall 2002. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/49.html.

Community Effects on the Resolution of Adolescent Premarital Pregnancy (Grant 97–IJ–CX–0028, NCJ 200524) S.J. South et al. From *Journal of Family Issues*, Vol. 22, No. 8, November 2001. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/50.html.

Community Effects on Youth Sexual Activity (Grant 97–IJ–CX–0028, NCJ 200526) E.P. Baumer et al. From *Journal of Marriage and Family*, Vol. 63, May 2001. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/51.html.

Deciphering Community and Race Effects on Adolescent Premarital Child-bearing (Grant 97–IJ–CX–0028, NCJ 200525) S.J. South et al. From *Social Forces*, Vol. 78, No. 4, June 2000. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/52.html.

Needs of Women Offenders: Implications for Correctional Programming (Grant 96–IJ–CX–0021, NCJ 200142) K. Holtfreter et al. From *Women and Criminal Justice*, Vol. 14, No. 2/3, 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/53.html.

Neighborhood Drug Arrest Rates: Are They a Meaningful Indicator of Drug Activity? A Research Note (Grant 1999–IJ–CX–0052, NCJ 200315) B.D. Warner et al. From *Journal of Research in Crime and Delinquency*, Vol. 40, No. 2, May 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/54.html.

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Therapeutic Jurisprudence Approach to the Trial Process in Domestic Violence Felony Trials (Grant 95-WT-NX-0003, NCJ 200134) C.C. Hartley. From *Violence Against Women*, Vol. 9, No. 4, April 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/55.html.

Beyond the Gatekeepers: Court Professionals' Self-Reported Attitudes About and Experiences With Misdemeanor Domestic Violence Cases (Grant 96-WT-NX-0004, NCJ 200644) J.L. Hartman et al. From *Criminal Justice and Behavior*, Vol. 30, No. 3, June 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/56.html.

Child Maltreatment and Adjustment to Juvenile Correctional Institutions (Grant 96-SC-LX-0001 and grant 1999-IJ-CX-0051, NCJ 200645) A.R. Gover et al. From *Criminal Justice and Behavior*, Vol. 30, No. 3, June 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/57.html.

He Hits, She Hits: Assessing Gender Differences and Similarities in Officially Reported Intimate Partner Violence (Grant 96-WT-NX-0004, NCJ 200643) H.C. Melton et al. From *Criminal Justice and Behavior*, Vol. 30, No. 3, June 2003. The full abstract can be found at http://www.ncjrs.org/rr/vol5_2/58.html.