STATE OF VERMONT
JOINT FISCAL OFFICE

MEMORANDUM

To:	Joint Fiscal Committee members
From:	Daniel Dickerson, Fiscal Analyst
Date:	November 20, 2015
Subject:	Grant Request #2797, #2798, #2800

Enclosed please find three (3) items that the Joint Fiscal Office has received from the administration.

JFO #2797 – $30,000 grant from Alzheimer's Association to the Vermont Department of Health. The grant funds will be used to incorporate a cognitive module as an optional module as part of the 2016 Vermont Behavioral Risk Factor Surveillance System survey (BRFSS).
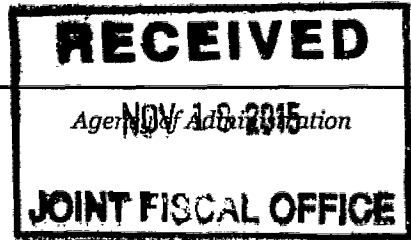[*JFO received 11/18/15*]

JFO #2798 – $167,137 grant from the U.S. Department of Justice to the Vermont Department of Public Safety. The grant funds will be used for two separate projects. The first is a Special Emphasis project to boost the sharing of law enforcement administrative records for research purposes with a focus on law enforcement data accessibility and dissemination. The second is a Core Capacity project to assist in building law enforcement data capacity for evidence-based policing and to improve the quality of criminal history data for evidence-based policy analysis.
[*JFO received 11/18/15*]

JFO #2800 – $386,325 grant from the U.S. Department of Defense (DOD) to the Vermont Department of Economic Development. The grant funds will be used over two State fiscal years to conduct an assessment of the impact of decreasing federal defense budgets on businesses in Vermont that deal directly and/or indirectly with the DOD and to help those businesses diversify, innovate and train employees in order to overcome adverse impacts.
[*JFO received 11/19/15*]

Please review the enclosed materials and notify the Joint Fiscal Office (Daniel Dickerson at (802) 828-2472; ddickerson@leg.state.vt.us) if you have questions or would like an item held for legislative review. Unless we hear from you to the contrary by December 4, 2015 we will assume that you agree to consider as final the Governor's acceptance of these requests.

VERMONT

State of Vermont
Department of Finance & Management
109 State Street, Pavilion Building
Montpelier, VT 05620-0401

[phone] 802-828-2376
[fax]   802-828-2428

STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:	Project will focus on law enforcement data accessibility and dissemination to improve research of law enforcement administrative records. This will increase law enforcement's data capacity for Evidence-Based Policing and improve criminal history data quality for Evidence-Based Policy Analysis.
Date:	11/10/2015
Department:	Department of Public Safety
Legal Title of Grant:	State Justice Statistics Program for Statistical Analysis Centers
Federal Catalog #:	16.550
Grant/Donor Name and Address:	Office of Justice Programs, Dept. of Justice, Washington, D.C.
Grant Period:	From: 10/1/2015 To: 9/30/2016
Grant/Donation	$167,137

	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	$120,665	$46,472	$	$167,137	

	# Positions	Explanation/Comments
Position Information:	0	

Additional Comments:

Has Vantage budget detail been reviewed and reconciled?	☐ Yes	☒ No		(Analyst Initial)

Department of Finance & Management		(Initial) recommend approval DB 11-13-15
Secretary of Administration		(Initial)
Sent To Joint Fiscal Office	HJ	Date 11/16/15

STATE OF VERMONT REQUEST FOR GRANT ^(*) ACCEPTANCE   (Form AA-1)

BASIC GRANT INFORMATION

1. Agency:	
2. Department:	Public Safety

3. Program:	Criminal Justice Services

4. Legal Title of Grant:	State Justice Statistics Program for Statistical Analysis Centers
5. Federal Catalog #:	16.550

6. Grant/Donor Name and Address:
Office of Justice Programs
Department of Justice
810 7th Street, NW
Washington, DC 20531

7. Grant Period:	**From:**	10/1/2015		**To:**	9/30/2016

8. Purpose of Grant:
Sharing Law Enforcement Administrative Records for Research Purposes and focuses on Law Enforcement Data Accessibility and Dissemination. Building Law Enforcement Data Capacity for Evidence-Based Policing and Improving Criminal History Data Quality for Evidence-Based Policy Analysis.

9. Impact on existing program if grant is not Accepted:

FINANCIAL INFORMATION

		SFY 1	SFY 2	SFY 3	Comments
Expenditures:		**FY 16**	**FY 17**	**FY**	
Personal Services		$	$	$	
Operating Expenses		$	$	$	
Grants		$120,665	$40,222	$	
	Total	$120,665	$40,222	$	
Revenues:					
State Funds:		$	$	$	
Cash		$	$	$	
In-Kind		$	$	$	
Federal Funds:		$120,665	$40,222	$	
(Direct Costs)		$	$	$	
(Statewide Indirect)		$	$	$	
(Departmental Indirect)		$	$6,250	$	
Other Funds:		$	$	$	
Grant (source)		$	$	$	
	Total	$120,665	$46,472	$	

Appropriation No:	2140020000	**Amount:**	$167,137
			$
			$
			$
			$

NOV - 4 2015

STATE OF VERMONT REQUEST FOR GRANT (*) ACCEPTANCE   (Form AA-1)

			$
			$
		Total	$167,137

Has current fiscal year budget detail been entered into Vantage?	☐ Yes ☒ No

11. Will monies from this grant be used to fund one or more Personal Service Contracts? ☐ Yes ☒ No
If "Yes", appointing authority must initial here to indicate intent to follow current competitive bidding process/policy.

Appointing Authority Name: Agreed by: _____ (initial)

12. Limited Service Position Information:	# Positions	Title
Total Positions		

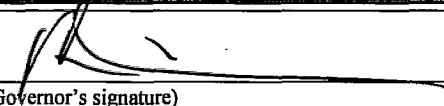| 12a. Equipment and space for these positions:	☒ Is presently available.	☐ Can be obtained with available funds.

I/we certify that no funds beyond basic application preparation and filing costs have been expended or committed in anticipation of Joint Fiscal Committee approval of this grant, unless previous notification was made on Form AA-1PN (if applicable):	Signature: _(signature)_ Title: Dputy Commissioner Signature:	Date: 11/2/2015 Date:
	Title:	

☒ Approved:	(Secretary or designee signature) _(signature)_	Date: 11/13/15

Check One Box: ☒ Accepted	(Governor's signature) _(signature)_	11/16/15 Date:
☐ Rejected		

Required GRANT Documentation

☐ Request Memo	☐ Notice of Donation (if any)
☐ Dept. project approval (if applicable)	☐ Grant (Project) Timeline (if applicable)
☐ Notice of Award	☐ Request for Extension (if applicable)
☐ Grant Agreement	☐ Form AA-1PN attached (if applicable)
☐ Grant Budget	

(*) The term "grant" refers to any grant, gift, loan, or any sum of money or thing of value to be accepted by any agency, department, commission, board, or other part of state government (see 32 V.S.A. §5).

VERMONT

State of Vermont
Department of Public Safety
Grants Management Unit
45 State Drive
Waterbury, VT 05671-1300

October 30, 2015

To: David Beatty, Finance & Management Budget Analyst

From: Sara J. Small, Grants Management Specialist

Re: AA-1 for sub award agreement with Federal Grant Award #2015-BJ-CK-K028
              State Justice Statistics Program for Statistical Analysis Centers

I have prepared the AA-1 grant acceptance form for the State Justice Statistics Program for Statistical Analysis Centers Grant that has been awarded to the Department of Public Safety. These grant funds will be subgranted out to the Crime Research Group, Inc. (CRG).

The total amount awarded to DPS on behalf of the CRG is $167,137.00 and it is for two separate projects.

The first project is the Special Emphasis project in the amount of $107,137.00 which will assist in Sharing Law Enforcement Administrative Records for Research Purposes and focuses on Law Enforcement Data Accessibility and Dissemination.

The second project is the Core Capacity project in the amount of $60,000.00 which will assist in Building Law Enforcement Data Capacity for Evidence-Based Policing and Improving Criminal History Data Quality for Evidence-Based Policy Analysis.

Please let me know if you have any additional questions.

Thank you,

Sara J. Small

Sara J. Small
Grants Management Specialist
Vermont Department of Public Safety
Financial Office
45 State Drive
Waterbury, VT 05671-1300
Sara.Small@vermont.gov
Phone: 802-241-5396
Fax: 802-241-5553

Cc: Richard Hallenbeck

ATTACHMENT 2 – PROGRAM NARRATIVE

Program Areas:
1. Using administrative or operational criminal justice data for research
2. Conducting targeted analyses that use the state's criminal history records

Section 1. Statement of the Problem – Background and Identification of Needs
(REMOVED PROJECT 1 / CHANGED 2 TO 1)
Improving Criminal History Data Quality for Evidence-Based Policy Analysis
Despite the heavy reliance on criminal histories in practice and in policy-making, criminal histories have not been audited since 1994. Crime Research Group (CRG) contractors formerly working at the Vermont Center for Justice Research (VCJR) conducted that audit. In the intervening years the Vermont Criminal Information Center (VCIC) has automated its procedures but no audit has been conducted. The last Vermont Crime Report was completed in 2011 and statistics on Vermont Crime On-Line (VCON) reflect data collected through 2012. This project seeks to resolve these challenges.

This project interfaces with the Core Capacity Grant which includes developing a process for law enforcement data accessibility and expanding the Results First Project in Vermont providing cost-benefit information for policy decisions. Being data-driven is the foundation of an evidence-based system.

The Placement of the SAC within the State Organizational Structure: The Vermont Department of Public Safety (DPS) is the SSA for Vermont. On November 4, 2014, Governor Peter Shumlin signed Executive order #06-14 designating DPS the Statistical Analysis Center (SAC) for the State of Vermont. Crime Research Group (CRG) is the research partner for DPS and will provide SAC services through a contract with DPS. The Deputy Commissioner of DPS will oversee SAC services. CRG and the DPS Criminal Justice Services Division, whose primary purpose is to provide information and technology services will work closely together. DPS and CRG will comply with BJS and OJP reporting requirements including progress reports and final products. The Deputy Commissioner of DPS and the Executive Director of CRG are both contacts for Justice Research and Statistics Association.

The History of the Statistical Analysis Center in Vermont: The previous SAC, the Vermont Center for Justice Research (VCJR), was established in 1987 to accomplish the following goals: 1) to collect and analyze criminal justice information; 2) to produce general information and statistical reports on crime, criminal offenders, and the administration of criminal justice; and 3) to provide and coordinate technical assistance to the legislature and to state and local law enforcement agencies, the courts and corrections. In January 1991, the State of Vermont entered into a contractual relationship with the Norwich Studies and Analysis Institute (NSAI) to administer VCJR. In July of 1992, Governor Howard Dean issued Executive Order #33-87A expanding the mission of VCJR to include research in juvenile justice. A new Executive Order (EO 09-10) was issued affirming VCJR as the SAC. Early in 2014, NSAI and VCJR dissolved. In July 2014, the staff of VCJR created Crime Research Group, Inc. CRG is a non-profit organization whose purpose the same as VCJR above with the addition of a fourth goal: to create an evidence-based criminal justice system. On November 4, 2014, Governor Peter Shumlin signed Executive order #06-14 designating DPS the Statistical Analysis Center (SAC). DPS will contract with CRG as its research partner.

DPS / CRG Staffing: For a description of staff biographies see the attachment. The following staff will play principal roles in the development, analysis, and management of the project. A more detailed description of their participation is under the description of the project.

Current CRG Staff and Contractors	
Paco Aumand, III, Deputy Commissioner of the Department of Public Safety, Chief Information Officer	SAC Director / DPS is the grantee and the Deputy Commissioner will oversee the SJS Grants
Karen Gennette, Esq., Executive Director of CRG	SAC Contact / DPS contracts with CRG for services
Travis Morris, Ph.D., Research Associate I	Research Associate I
Robin Weber, Ph.D., J.D., Director of Research	Principal Investigator for the Project
Max Schlueter, Ph.D., Sr. Research Associate	Director of VCJR from 2010-2014 & from 1991-1994. Director of DPS/VCIC for 16 years.
Marcia Bellas, Ph.D.	Research Associate I
Mary Fillmore	Research Associate II
Peter Wicklund, Ph.D.	Research Associate I
David Harrington	Research Associate II
Nancy Stetson	Research Analyst

Section 2. Project Design and Implementation

Overview

This proposal supports and enhances ongoing work in Vermont to create an evidence-based criminal justice system. This work has been taking place over the last several years. Law enforcement is the first point in the system. Law enforcement sets up the foundation for the rest of the work in the criminal justice continuum. This proposal also closely reflects the work of the Global Justice Information Sharing Initiative (Global) Advisory Committee (GAC) which is an advisory body to the Assistant Attorney General, Office of Justice Programs (OJP), and the U.S. Attorney General. The GAC was created to facilitate and support the broad scale exchange of justice information.

Eric Holder, Attorney General of the United States, continues to emphasize that state and local law enforcement agencies should collect data, partner with researchers, and evaluate law enforcement programs using data driven strategies and analysis. The emphasis on evidence-based policing recognizes that data collection and analysis are required to establish and maintain effective policies and practices. Federal revenue streams increasingly require the use of data-driven methods and policies to receive federal funding and demonstrate effectiveness.

The GAC strategic plan advises that "Never before has America's need for timely, accurate justice-related information sharing been more compelling. The need to solve this problem is obvious, since each and every justice and public safety entity requires information from other like- minded agencies to do its job most effectively. Furthermore, in ever-increasing numbers, entities outside of the justice and public safety communities—including schools, child care services, transportation, and licensing agencies—are requesting this critical information to

perform daily business activities, such as hiring new personnel, approving gun purchases, or granting professional licenses."

In light of these federal initiatives, the contractors working at CRG successfully solicited funds from Vermont law enforcement agencies to sponsor a Vermont Evidence-Based Policing Conference in 2013 to identify the current status of evidence-based policing and data collection across the United States; highlight existing evidence-based policing practices currently used in Vermont; and determine how to best integrate effective data collection, analysis, and evaluation measures in a rural context. Sponsors included law enforcement agencies, the Vermont Justice Training Council, and the Vermont League of Cities and Towns. Police executives from across the state attended.

These projects form the back bone of an evidence-based criminal justice system in Vermont. As stated in the GAC strategic plan, data quality and data accessibility are crucial to the success of the long range vision that "*.....getting the right information to the right people in the right place at the right time.*" DPS and CRG will use the GAC Strategic Plan to guide their work.

(REMOVED PROJECT 1 / CHANGED 2 TO 1)
Improving Criminal History Data Quality for Evidence-Based Policy Analysis

Statement of the Problem
Despite the heavy reliance on criminal histories in practice and in policy-making, criminal histories have not been audited since 1994. CRG contractors, when working at VCJR, conducted that audit. In the intervening years the Vermont Crime Information Center (VCIC) has automated its procedures. Criminal histories are a cornerstone of evaluation and policy research. Conducting an audit and insuring that the information is up to date is critical to data quality in Vermont.

Proposed Method
CRG, in conjunction with VCIC, the Court Administrator's Office, and the Department of Corrections proposes to: 1) Establish a steering committee to guide the audit and future use of criminal histories; 2) Audit criminal histories using the court documents as source material, including a process evaluation of the courts and VCIC data entry procedures; 3) Develop strategies to ensure the accuracy of criminal histories and access for researchers.

Objective 1: Establish a Steering Committee

CRG will convene a steering committee of stakeholders from VCIC, law enforcement, the Department of Corrections, the Court Administrator's office, and representatives from data consumers such as attorneys and researchers. The Steering Committee will help guide the audit by deciding on variables to be tested, and help plan the process evaluation of data entry. The Data Quality Assessment Tool and the Assessing Accuracy and Completeness of Criminal History Systems Record Guide (http://www.search.org/files/pdf/auditguide.pdf) will be used in the development of the plan.

Objective 2: Audit Criminal Histories

Vermont criminal histories are created from three data sources: law enforcement provides some arrest data; the Court Administrator's Office provides an extract of criminal court filings and disposition; and the Department of Corrections provides information on parole status and current custody status. Accurate criminal histories require correct data entry, accurate transmission of information to VCIC, and accurate matching of records to create the criminal history. The audit addresses all of these steps.

Component 1: Law Enforcement Fingerprinted Arrests
Only felony and statute-permitted misdemeanor arrestees are fingerprinted in Vermont. The reporting of arrests to VCIC can be audited within the VCHIP system. A report will be generated highlighting arrests that should have resulted in fingerprints submitted. .

Component 2: Court Entry of Charges Filed and Disposed
A sample of cases disposed between January 1, 2009 and December 31, 2013 will be selected from the Court Adjudication Database. This database is built from the same court data extract that VCIC uses to construct criminal histories. Key variables will be extracted for each case, and then checked against the paper dockets for accuracy.

Component 3: Accurate Transmission of Data from the Courts to VCIC
CRG will request the criminal histories of defendants whose cases were selected for sampling in Component 1. Criminal histories will be matched against the court adjudication database on variables the Steering Committee selects, and errors will be documented. The data that VCIC receives will be checked to document whether the error is in the Court data or if the transmission software corrupts the data. This will be accomplished using SPSS to identify discrepancies in the fields across records.

Component 4: Accurate Matching and Reporting
There is no universal identification number used by all four record keeping systems. Records in the databases identify subjects by name, date of birth, Social Security number and other agency specific numeric identifiers, incident number or docket number. These will need to be matched by data which might be common to some but not all of the databases. Conventions for spelling last names, typographical errors, and the use of monikers and nicknames all make electronic name matching of individuals between data systems difficult. Therefore, matching at VCIC is done by computer program using name, date of birth, fingerprints (when available) and other factors to identify the correct person. CRG will match docket numbers (unique to an individual defendant) from the court adjudication database to the criminal histories received in Component 2. Unmatched cases will be traced from the court through to VCIC to determine why the case was not matched. Matched cases will be checked for accuracy in reporting final offense level, disposition, any sentence, future probation violations as well as by matching name and date of birth. The Department of Corrections will provide a data extract of its parole and probation case management systems. CRG has already developed code to match DOC identifiers to SID numbers. Once the match is made, it will be checked for accuracy. Unmatched cases will be tracked from DOC through to VCIC to determine why the cases were not matched. Using the results of the audit, CRG will then conduct a process evaluation documenting the data entry process and noting where the errors identified are likely to occur. The process evaluation will

include a review of the data entry procedures and training, and speaking with Court clerks and VCIC clerks about data entry workflow designs. The goal of this evaluation is to complete the Data Quality Assessment Tool for the Courts and for VCIC Criminal histories.

Component 5: Steering Committee Report and Recommendations
The results of the audits will be presented to the Steering Committee. CRG will write the final report which will detail the audit and provide a completed Data Quality Assessment Tool for all phases. Recommendations will be made to improve data quality, ensure researcher and practitioner access to criminal histories, and long-term strategies to sustain these changes.

Project Staffing (REMOVED PROJECT 1/CHANGED 2 TO 1)

Project 1: Improving Criminal History Data Quality for Evidence-Based Policy Analysis		
Principal Investigator		Robin Weber, Ph.D., J.D., Director of Research
Responsible Staff by Project Parts	1. Steering Committee	Robin Weber, Ph.D., J.D., Director of Research Nancy Stetson, Research Analyst Mary Fillmore, Research Associate II
	2. Audit	Robin Weber, Ph.D., J.D., Director of Research Nancy Stetson, Research Analyst
	3. Process Audit	Robin Weber, Ph.D., J.D., Director of Research Nancy Stetson, Research Analyst
	4. Steering Committee Report	Robin Weber, Ph.D., J.D., Director of Research Marcia Bellas, Ph.D. Research Associate I

Timeline – Project 1: Improving Criminal History Data Quality for Evidence-Based Policy Analysis (REMOVED PROJECT 1 / CHANGED 2 TO 1)

Tasks and Specific Activities	Deliverables	Start Date	Finish Date
1. Establish Steering Committee 1.1 Conduct regular meetings	• Refined Audit Plan based on Stakeholder's Needs	Feb. 1 2016	Sept. 30 2016
2. Completing the Audits 2.1 Arrest Audit 2.2 Court Audit 2.3 VCIC Matching Audit 2.4 Transmission Audit	• Audit Reports Presented to Steering Committee	Jun. 1 2016	Sept. 30 2016
2.5 Process Audit Documentation and Evaluation	• Completed Data Quality Assessment Tool	Feb. 1 2016	June 30 2016
3. Steering Committee Report	• Final Report	Sept. 1 2016	Sept. 30 2016

Justification

1. Assessment of the SAC's current data collection, analysis, and publication capacity
Criminal Justice Services is a Division within the Department of Public Safety whose primary purpose can be summarized through two words - information and technology. The purpose is to provide information to a diverse group of customers within the justice system. Criminal Justice Services was created in 1995 as a means to garner widespread support for the upgrading of key systems within the criminal justice community. In addition, DPS has been an organizing partner of the Open Justice Broker Consortium (OJBC). Three states have been actively engaged in this process: Vermont, Maine and Hawaii – Wisconsin recently joined. Paco Aumand, Deputy Commissioner of DPS has been the past president of SEARCH who is the vendor for the OJBC.

CRG contractors have developed a number of strategies to link administrative records between agencies to facilitate data collection and has developed programming to match the records of the Court, Department of Corrections, law enforcement, criminal history, and Department of Motor Vehicles. **CRG contractors, working for VCJR, won the 2013 JRSA Technical Innovation Award for this product.** Using funds from SJS2013, CRG contractors worked to develop a "proof of concept" pilot project to exchange sensitive data with non-criminal justice agencies using secure record linkage methods. CRG routinely uses SPSS for everything from developing contingency tables and testing levels of statistical significance to creating regression models and utilizing discriminate analysis to predict recidivism. CRG contractors recently completed the first cost-benefit model for the criminal justice system in Vermont. **The Vermont SAC won the 2014 JRSA Douglas Yearwood Award for Excellence in Research Policy for the Results First Cost Benefit Working Group Report. A recent project in the area of domestic violence using NIBRS data received the 2013 JRSA Doug Yearwood Award for excellence in statistical reporting.**

Both CRG and DPS have websites and the capacity for publication. CRG disseminates the results of its research to a broad audience. More than two dozen of CRG's most recent publications are posted on the CRG website. The CRG blog and media news releases also announce publications of new reports and the award of new contracts and grants. A new feature on the website, entitled *Crime Byte*, presents small statistical factoids about Vermont crime using interactive graphics. Google Analytics is used to track website sessions. Currently the majority of traffic goes to the report pages. Funds from SJS2013 supported an effort to develop a completely portable, interactive, online version of the reports with drill down graphic capability. DPS and CRG will provide links on the other's website to facilitate access to reports, data and information.

2. Description of how the project proposed will enhance those capabilities

Auditing Criminal History Records - Accurate information is the cornerstone of our work. Ensuring that the criminal histories used in our research are complete and accurate will give our clients and the state more confidence in the results. An audit has not been conducted in 20 years, and the criminal history system has been automated and has changed over time. The proposed audit will identify weaknesses and strengths in the current system. Further, the code developed will allow for more cost-effective audits in the future. This project requires that CRG work with new data extracts from the Department of Corrections. We expect these datasets to contain

variables not used in VCIC criminal histories (e.g., reason for parole revocation). The code generated to analyze the data will be useful in conducting future analyses of offenders on probation or parole.

3. Description of how the capacity will be maintained after conclusion of the SJS award

This proposal focuses on a project that will increase administrative law enforcement and criminal history data quality. The project will be a sustained effort to create a data exchange model to enhance DPS/CRG's ability to conduct valid and efficient evidence-based policy research across Vermont's Criminal Justice System.

This grant will support writing the code that will allow for an automated audit format, a capacity that does not currently exist in Vermont. The process evaluation will highlight strengths and weaknesses in the data entry and transmission procedures. The Steering Committee for the audit will make recommendations to ensure continued accuracy and completeness of criminal histories. These recommendations may include creation of an Oversight Board, legislation requiring audits on a more frequent basis, or other systemic changes.

Section 3. Capabilities and Competencies – Status of Prior SJS Projects 2010 – 2013:
Functioning under NSAI/VCJR, the CRG staff were involved with and completed the following SJS Grants:

State Justice Statistics Program for Statistical Analysis Centers, 2015
Special Emphasis Capacity Building Projects

- *Sexual Assault Case Processing in Vermont: Superior Court Case Processing and Sentencing: 2004-2010*   http://www.crgvt.org/reports/reportscrimjust/reports/sexassaultcaseprocessing.html

- *Sexual Assault Recidivism in Vermont -* http://www.crgvt.org/reports/reportscrimjust/reports/sexualassaultreport.html

- *Sexual Crimes Against Children: A Study of Offender Recidivism* http://www.crgvt.org/reports/reportscrimjust/reports/CSOreport.html

- *An Outcome Evaluation of the Special Investigation Units Established Under the Sexual Violence Prevention Act of 2006,*   http://www.crgvt.org/reports/reportscrimjust/reports/SIUreport.html

2011-BJ-CX-K0514 (Themes 4, 5, & 9):   COMPLETED and posted on the CRG website.

- *Evidence-Based Initiatives to Reduce Recidivism -* http://www.crgvt.org/reports/reportscrimjust/reports/ebiredrecid.html

- *Bennington County Integrated Domestic Violence Docket Project: Process Evaluation* http://www.crgvt.org/reports/reportscrimjust/reports/idvdprocesseval.html

- *Criminal Justice Consensus Cost-Benefit Working Group Final Report* http://www.crgvt.org/reports/reportscrimjust/reports/costbenefitrpt.html

- *Chittenden County Rapid Intervention Community Court: Outcome Evaluation* http://www.crgvt.org/reports/reportscrimjust/reports/chittricc.html
  The Legislative focus of the project changed from the "Quick Hits" program to the RICC program.

- *Chittenden County Rapid Intervention Community Court Process Evaluation* http://www.crgvt.org/reports/reportscrimjust/reports/chittricc2.html

2012-BJ-CX-K009 (Themes 4, 5, 9 & 11): COMPLETED and all but one is posted on the CRG website.
This project focused on three areas: 1) race and sentencing in Vermont; 2) developing a statewide capacity for program evaluation; and 3) evidence-based programs for DUI offenders.

- *Race and Sentencing:* This is one of the first studies conducted by a SAC which included interstate criminal history records from the FBI as part of the analysis. After more than a year's delay in obtaining the interstate records, which were obtained through an intervention of Vermont's Senator Leahy, the analysis was completed and a preliminary briefing has been made to the Chair of the House Judiciary Committee. This report is still under review.

- *Developing Statewide Capacity for Program Evaluation -* http://www.crgvt.org/services/services/services/vnerconference.html

- *Vermont Network for Evaluation and Research.* A mission statement, organizational functions, and an online directory for Network members have been developed. http://www.vner.org/

- *Developing a Collaborative Training Model -* http://www.crgvt.org/services/services/services/vnerconference.html

- *Driving Under the Influence / Driving While Intoxicated: A Literature Review* http://www.crgvt.org/reports/reportscrimjust/reports/duilitreview.html

- In order to increase expertise in the areas of evidence-based practices, an extensive literature review of recidivism reduction programs was conducted. This project has been completed and has been posted on the CRG website.
  http://www.crgvt.org/reports/reportscrimjust/reports/ebiredrecid_files/DOCRR%20Lit%20Rev%20Report.pdf

2013-BJ-CX-K022 (Themes 4, 5, 9, and 11): COMPLETED - all but one has been posted to the website
This grant proposed two projects -- 1) The Vermont Criminal Justice System's Response to Drug Crime; and 2) Interagency Exchange of Sensitive Administrative Record Data.

Measuring the Post-disposition Recidivism for Those Defendants Convicted of Drug Crimes in CY2009

Community Outcome Indicators http://www.crgvt.org/services/services/services/rbatraining.html

Online, Interactive, Graphic Intense, and Portable Report: Online research has been conducted on methods for converting Word documents to HTML, and embedding JavaScript into portable documents as well as running *HighCharts* in an offline environment. A preliminary HTML report template from a Word document with an interactive graphic featuring two drill down levels has been created.

Interagency Exchange of Sensitive Administrative Records: This project was a "proof of concept" pilot exchange of sensitive data with a non-criminal justice agency using an encrypted record linkage methodology. CRG contractors identified and modified an open source identity resolution software product and used it to conduct the pilot encrypted data exchange. This simulation demonstrated that datasets from different sources can be transmitted, matched and variables merged using cryptographic hash values that uniquely represent the key identifying variables. The critical identifying information is kept confidential.

Section 4: Plan for Collecting the Data Required for this Solicitation's Performance Measures: DPS understands that performance measures data is not required at this time and that there is an obligation to collect the data if the grant is awarded. DPS will gather the required data through its research partner, CRG. CRG will provide the data requested in the "Data Grantee Provides" column so that OJP can calculate values for the "Performance Measures" column.

- Number of studies/projects initiated and completed.
- Number of information and/or technical assistance requests handled.
- Number of conferences and workshops attended to present findings, provide training, and exchange information.
- Number and type of justice-related databases compiled
- Number of reports and other publications produced (in paper and electronic formats).
- Number of media releases/or advisories produced.
- Number of website user sessions.
- Number of publications and other data (i.e., spreadsheets) downloaded.
- Number of databases added to interactive query systems.
- Number of multi-state projects initiated and completed by the SAC.
- Number of reports produced presenting findings of collaborative projects.
- Number of Justice Research and Statistics Association (JRSA) studies or information inquiries.
- Number of projects submitted by the SAC to the Justice Research and Statistics Association's Infobase of State Activities and Research (ISAR).
- Number of SAC project datasets submitted to the National Archive of Criminal Justice

Conclusion
The GAC will provide national leadership and the work contemplated in this proposal closely reflects The GAC goal to ensure the appropriate collection, use, and dissemination of personal information while safeguarding privacy and constitutional values. DPS and CRG will use the GAC strategic plan and information from their process to coordinate Vermont activities to formulate a unified and comprehensive approach to data sharing, information quality and privacy issues.

ATTACHMENT 2 – PROGRAM NARRATIVE

<u>Program Areas:</u>
1. Sharing Law Enforcement Administrative Records for Research Purposes
2. Increasing Access to Statistical Data
3. Other Capacity Building Project Identified by the SAC

Section 1. Statement of the Problem - Background and Identification of Needs

The Statement of the Problem will be laid out in detail in each of the program areas. The projects that coincide with the program areas listed above and included in this proposal are:

Project 1- Data Accessibility and Dissemination: The major obstacles in Vermont to conducting evaluation research to support evidence-based law enforcement programming include the disparate data collection efforts and data management systems used by law enforcement. The methodological challenge for criminal justice researchers in Vermont is the accessibility of valid and timely statewide crime data despite the fact that there are several automated police records/data systems in the state. There are data-sharing and governance issues that need to be addressed in order to create a system that allows researchers to access statewide crime data. REMOVED COMMUNITY SAFEY INDICATORS PROJECT

Project 2 – Results First: The Pew-MacArthur Results First Initiative has been working with Vermont to implement and customize an innovative cost-benefit analysis tool that will help to identify and invest in policies and programs that are proven to work. There are staff resource costs which include data collection and analysis. Continued effort will require a commitment from participating criminal/juvenile justice agencies as well as the Legislature to support the improvements in technology and analysis methods required to support robust cost-benefit analysis in Vermont state government. The Joint Fiscal Office has moved forward in making an initial commitment to Results First. DPS and CRG will assist JFO to continue developing the Vermont Results First model to identify programs that achieve a strong benefit-to-cost ratio.

The Placement of the SAC within the State Organizational Structure: The Vermont Department of Public Safety (DPS) is the SAA for Vermont. On November 4, 2014, Governor Peter Shumlin signed Executive order #06-14 designating DPS the Statistical Analysis Center (SAC) for the State of Vermont. Crime Research Group is the research partner for DPS and will provide SAC services through a contract with DPS. The DPS Deputy Commissioner will oversee the administration of SAC services. CRG will work closely with the division of DPS with the primary purpose to provide information and technology services. DPS and CRG will comply with BJS and OJP reporting requirements including progress reports and final products. The Deputy Commissioner of DPS and the Executive Director of CRG are both contacts for Justice Research and Statistics Association.

The History of the Statistical Analysis Center in Vermont: The previous SAC, the Vermont Center for Justice Research (VCJR), was established in 1987 and in January 1991, Vermont entered into a contractual relationship with the Norwich Studies and Analysis Institute (NSAI) to administer VCJR. A new Executive Order (EO 09-10) was issued affirming VCJR as the SAC. Early in 2014, NSAI and VCJR dissolved. In July 2014, the staff of VCJR created Crime Research Group, Inc. On November 4, 2014, Governor Peter Shumlin signed Executive order #06-14 designating DPS the Statistical Analysis Center (SAC). DPS will contract with CRG as its research partner.

DPS / CRG Staffing: For a description of staff biographies see the attachment. The following staff will play principal roles in the development, analysis, and management of the projects.

Staff and Contractors	
Paco Aumand, III, Deputy Commissioner of the Department of Public Safety and Chief Information Officer	SAC Director / DPS is the grantee and the Deputy Commissioner will oversee the SJS Grants.
Max Schlueter, Ph.D., Sr. Research Associate	Director of VCJR from 2010-2014 & from 1991-1994. Director of DPS/VCIC for 16 years. PI for Project 1.
Karen Gennette, Esq., Executive Director of CRG	SAC Contact.
Robin Weber, Ph.D., J.D., Director of Research	Principal Investigator for Project 2.
Marcia Bellas, Ph.D.	Research Associate I
Mary Fillmore	Research Associate II
Peter Wicklund, Ph.D.	Research Associate I
David Harrington	Research Associate II
Nancy Stetson	Research Analyst

Section 2: Project Design and Implementation

Project 1: Law Enforcement Data Access and Dissemination

Statement of the Problem: As the Global Justice Information Sharing Initiative (Global) Advisory Committee (GAC) has stated in its strategic plan, "the need for timely, accurate justice-related information sharing is compelling." Not only does every justice and public safety organization require information from other agencies to do their jobs more effectively but there is a rise in the number of other community agencies needing this information for a variety of reasons. The challenge for criminal justice researchers in Vermont is the availability of valid and timely statewide crime data despite the fact that there are several automated police records/data systems in the state. All of these systems and analytical tools have serious limitations which negate the ability of criminal justice researchers to collect and analyze statewide crime data. The process for sharing law enforcement data creates another challenge. The VIBRS and Valcour Advisory Boards act as the conduits for requests for law enforcement data. For statewide data, researchers need releases from all 70 law enforcement agencies granting permission which is a cumbersome and lengthy process. This proposal seeks to engage justice partners in a collaborative process that reflects the consensus building process of the Global Advisory Committee (GAC) and produces a standardized process for information sharing.

Proposed Method: The Department of Public Safety (DPS) through its research partner, the Crime Research Group, (CRG) proposes to develop a system to release up-to-date information regarding crime by Vermont law enforcement agencies. The proposal is comprised of three objectives:

Objective 1: Develop Data Access Policies and Protocols: DPS, through CRG, will work cooperatively with the VIBRS and Valcour Advisory Boards, law enforcement agencies, victim

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advocates, Vermont's Chief Performance Officer [1], key legislators, criminal justice agencies, and other research organizations to develop research protocols to determine: 1) what data contained in the VIBRS and Valcour systems are relevant and necessary for ongoing crime and criminal justice research; 2) what data can be released for bonafide research purposes; 3) who will be authorized to access the data; 3) how will data be extracted and formatted for use by researchers; and 4) how will the datasets be disseminated. The final product will be the collaborative development of written policies and protocols taking into account the appropriate collection, use, and dissemination of personal information while safeguarding privacy and Constitutional rights. Releases for information sharing will be revised and CRG will use a cadre of chiefs and sheriffs to assist in collecting the signed amendments from law enforcement agencies. If necessary, CRG will schedule in-person meetings with law enforcement agencies who do not return their signed amendments in a timely manner. The new policies and protocols will guide the future release of information. A Legislative House Committee is contemplating a study committee for developing policies and protocols for the release of law enforcement data. The study committee would then become the steering committee.

Objective 2: Develop Analytical Databases
DPS in partnership with CRG proposes to develop a series of three analytical databases for the analysis of crime by leveraging its expertise with the SEARCH Open Justice Broker Consortium (OJBC). DPS currently uses the OJBC platform to extract electronic incident reports on a daily basis from the VIBRS and Valcour records systems statewide and transmit the incident-related data to the central broker at DPS. The data from the OJBC currently supports statewide federated searches regarding persons, vehicles, and incidents and feeds the VCAMP. The Laura and John Arnold Foundation has recently provided funds to enhance the existing platform by adding an *analytical data store* (data warehouse) and the software applications for populating the data store from information flowing across the broker. An analytical data store is a specialized database that stores administrative data in a format which can be readily analyzed by standard statistical packages (SPSS or the R Project for Statistical Computing.[2]) DPS and CRG will use the data store to extract administrative law enforcement data from the VIBRS and Valcour systems to populate databases which will be made accessible to law enforcement agencies, criminal justice stakeholders, the Legislature, and criminal justice researchers. CRG will subcontract with SEARCH to expand the data store to include additional relevant variables. No personal identifying information will be available in the analytical data store.

Objective 3: Develop Data Dissemination Strategies
DPS proposes to disseminate the new analytical databases from the CRG website. DPS and CRG will upgrade the current website (www.crgvt.org) to facilitate access to the databases and database downloading capabilities. CRG will explore two possible strategies for posting and downloading files: 1) storing zipped databases on the website and providing users a link to download and save the file to their device; and 2) providing a link to the secure storage site in the

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[1] The Chief Performance Officer is responsible for implementing a statewide Results-Based Accountability for all state agencies and entities that contract with state agencies.
[2] Scott Came, Expanding Access to Justice Analytics Through the OJBC: A Proposal Submitted to the Laura and John Arnold Foundation, August, 2014

cloud from which the user could download and save the file to their device. DPS and CRG will place links on their website for facilitating access to the other organization's information.
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Project 2: RESULTS FIRST

Background

In 2011, Legislative Joint Fiscal Office sponsored a project to develop a Vermont-specific cost-benefit model using the Pew-MacArthur Results First approach. Act 61 represented the interest by state government in the Vermont Results First model and the need to develop more detailed information regarding criminal justice costs. CRG contractors (working for VCJR) secured partial funding for the work under Act 61 from the BJS, U.S. DOJ Grant 2011-BJ-CX-K014. The Results First model is a state-specific cost-benefit tool that analyzes potential investments in evidence-based programs. The methodology is based on a model developed by the Washington State Institute for Public Policy (WSIPP) and supported by the Pew-MacArthur Results First Initiative. The model uses the best available program research and a state's unique characteristics to predict the benefits of a given program for society and taxpayers. So far in Vermont, it has been used to analyze the cost effectiveness of some criminal justice programs. CRG proposes to use the data and momentum from the Cost Benefit working group developed in 2013 to update the Vermont Results First model, guarantee its availability and enhance its reliability and to ensure that legislators and others have program information on program and cost effectiveness.

Statement of the Problem

Vermont is currently struggling with a $112M budget gap in FY'15 and an additional budget gap of $48M in FY'16. The Legislature is in the process of deciding which programs and staff to cut. Many of these decisions are based on emotions, relationships and pet projects as opposed to data-driven evidence-based decisions that rely on research and cost-benefit analyses. This is true partly because the information is not available to them. The State of Vermont Joint Fiscal Office, is interested in continuing to develop the Vermont Results First model as a way to identify evidence-based programs that achieve a strong benefit-to-cost ratio. Using and expanding Results First will allow the General Assembly to be more strategic in its policy making using program outcomes and cost effectiveness to drive its decisions.

Proposed Method

This proposal would continue to develop the Results First Criminal Justice model, and expand the Results First model into substance abuse, mental health, and child welfare. Along with statewide statistics about these subjects, the model requires a thorough understanding of the program offerings in the state, which will be provided through program inventories. These inventories will allow lawmakers to see clearly where state money is going, and will be combined with information on the proven effectiveness of the programs.

Objective 1: Create a Vermont Results First Model

- Component 1: Create an Inventory of Vermont Programs
  CRG will update the criminal justice data in the Results First model and engage other partners in using the Results First Model. Step one would be twofold: 1) identify the current Vermont programs that exist in the Model; and, 2) identify programs in the Model that would benefit Vermont.

- **Component 2: Meet with Criminal Justice and Other Partners**
  CRG will meet with the Vermont Judiciary, Department of Corrections, Department of Health (VDH) on substance abuse, the Department of Mental Health (DMH) and the Department for Children and Families (DCF), Integrating Family Services to describe the Results First Model and engage each Department in applying this model to their programs.
- **Component 3: Run the Results First Model for Vermont programs**
  CRG will collect and enter the data points into the Results First model that are needed to run an analysis for the programs mentioned above. The State departments will identify specific programs to evaluate and conduct a cost analysis for model accuracy and provide a consumer report using Vermont data. http://www.wsipp.wa.gov/BenefitCost?topicId=3. CRG will work with the Pew Center to develop a program cost template.
- **Component 4: Develop Capacity to Perform Meta-analysis**
  The Results First Model relies in part on the ability of staff to perform meta-analyses for evaluations done on specific programs. Currently, CRG does not have the expertise to perform meta-analysis in-house. To more nimbly respond to requests from the legislature or policy makers about the cost benefit of particular programs in Vermont, CRG will develop this capacity as a useful resource and strategy not only for use with the Results First Model but also with other program evaluations moving forward.

Tasks and Specific Activities	Deliverables	Start Date	Finish Date
Project 1: Sharing Law Enforcement Administrative Records PI: Max Schlueter, Ph.D., Staff: Mary Fillmore, David Harrington, Peter Wicklund, Ph.D., Karen Gennette, E.D.			
1. Establish Law Enforcement Data Access Study Committee	• Written Policies and Protocols • Signed Amendments	10/1/15	9/30/16
1.1 Develop a meeting schedule / bi-monthly		4/1/16	6/30/16
1.2 Policies and protocols drafted 1.2 LE agencies sign amendment		9/1/16	9/30/16
2. Create Analytical Databases	• Contract with SEARCH • 2 people trained • Three new analytical databases developed	10/1/15	9/30/16
2.1 Work with SEARCH		1/1/16	3/31/16
2.2 Training on query language 2.3 Databases developed		6/30/16	9/30/16
3. Data Dissemination Strategies 3.1 Contract with Vendor	• Contract with Vendor • Upgrade website • Databases Uploaded • Publicity Plan	10/1/15	12/31/15
3.2 Web design meetings / upgrade website 3.3 Load Databases		1/1/16	6/30/16
3.3 Publicize on website, social media		9/30/16	1/31/16
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Project 2: Results First – Capacity Building Project PI: Robin Weber, J.D., Staff: Nancy Stetson, Karen Gennette, Mary Fillmore			
4. Collect and enter the data points needed to run the analysis for substance abuse, mental health and child welfare programs. 4.1 Meet with 3 Departments to identify data points.	• Data points identified and entered	10/1/15	5/31/16

5. Develop the capacity to perform meta-analysis in-house.	• 2 staff trained	1/1/16	4/30/16
6. Identify specific programs to evaluate and conduct a cost analysis for model accuracy. 6.1 Work with 3 Departments to identify programs	• Inventory Developed	3/1/16	9/30/16
7. Complete the model and provide a consumer report using Vermont data.	• 3 consumer reports completed	10/1/15	9/30/16
8. Work with Pew on a program cost template	• Template developed	1/1/16	6/30/16
9. Meet with key legislators & Joint Fiscal to review Results First Consumer Reports	• Meeting agendas • Training materials	3/1/2016	9/30/2016

Justification:
1. Assessment of the SAC's current data collection, analysis, and publication capacity
Criminal Justice Services (CJS) is a Division within the Department of Public Safety whose primary purpose is to provide information to a diverse group of customers within the justice system. CJS was created in 1995 as a means to garner widespread support for the upgrading of key systems within the criminal justice community. DPS maintains the Vermont Crime On-Line site, VCAMP (mapping), and manages VIBRS. In addition, DPS has been an organizing partner of the Open Justice Broker Consortium (OJBC). Paco Aumand, Deputy Commissioner of DPS has been the past president of SEARCH who is the conducting the work for the OJBC.

CRG contractors have developed a number of strategies to link administrative records between agencies to facilitate data collection and has developed programming to match the records of the Court, Department of Corrections, law enforcement, criminal history, and Department of Motor Vehicles. **CRG contractors, working for VCJR, won the 2013 JRSA Technical Innovation Award for this product.** Using funds from SJS2013, CRG contractors worked to develop a "proof of concept" pilot project to exchange sensitive data with non-criminal justice agencies using secure record linkage methods. CRG routinely uses SPSS for everything from developing contingency tables and testing levels of statistical significance to creating regression models and utilizing discriminate analysis to predict recidivism. CRG contractors recently completed the first cost-benefit model for the criminal justice system in Vermont. **The Vermont SAC won the 2014 JRSA Douglas Yearwood Award for Excellence in Research Policy for the Results First Cost Benefit Working Group Report. A recent project in the area of domestic violence using NIBRS data received the 2013 JRSA Doug Yearwood Award for excellence in statistical reporting.**

Both CRG and DPS maintain websites that contain criminal justice data, information, reports, and other valuable information. The reports and information generated through this grant will be placed on the DPS and/or CRG site with linkages to the other's website. The CRG blog announces publications of new reports and the award of new contracts and grants. *Crime Byte*, presents small statistical factoids about Vermont crime using interactive graphics. Google Analytics is used to track website sessions. Funds from SJS2013 supported an effort to develop a completely portable, interactive, online version of the reports with drill down graphic capability.

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2. Description of how the project proposed will enhance those capabilities

Project 1: Law Enforcement Data Accessibility - The proposed project will enhance DPS and CRG research capabilities by increasing the accuracy and access of law enforcement data. By working closely with law enforcement agencies to improve access to law enforcement data, DPS and CRG will create a more reliable structure for study of the criminal justice system. This project will promote evidence-based policing as well as enhancing access to data through the DPS and CRG websites and analytical databases.

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Project 2: Results First – This work started with the development of the Cost Benefit Working Group under SJS FY2014. The continuation will enhance the expertise in criminal justice programs and bring this expertise to other state departments and programs. This project will bring much needed information to the Vermont Legislature and state departments as they struggle with decisions about program effectiveness and cost-benefits. The training on meta-analysis will add skills and capabilities that will cross over to other projects.

3. How will the capacity be maintained after conclusion of the SJS award?

Project 1: Building relationships and trust with law enforcement is key to engaging in developing data access policies and protocols. Once the policies and protocols are in place, researchers and other partners will be able to obtain data needed for research and for improving the system. This in itself will be a sustaining factor of this project. Using the data store to develop a series of analytical databases for crime analysis by leveraging expertise with the Open Justice Broker Consortium (OJBC) will allow for more widespread dissemination of data to law enforcement agencies, criminal justice stakeholders, the Legislature, and Vermont criminal justice researchers.

Project 2: With the Legislative Joint Fiscal Office interested in Results First and the Legislative Appropriations Committees asking for information from the Results First Model, the opportunities for using this long term are expected. The Joint Fiscal Office has asked for training on the Model for staff and has run several Vermont programs through the model. The Chairs of House and Senate Appropriations attended the Results First Conference in 2014. CRG has been meeting with member of House Appropriations to review the use of the model in making policy decisions. Results Based Accountability has been integrated into Vermont State Government for evaluating program effectiveness, Results First is a perfect complement in evaluating cost effectiveness. After this grant has concluded, CRG will have engaged other State Departments in adopting Results First as a useful tool in advocating for current and future appropriations. We foresee Results First being utilized with RBA in discussions around evidence-based programs.

Section 3. Capabilities and Competencies – Status of Prior SJS Projects 2010 – 2013:
Functioning under NSAI/VCJR, the CRG staff were involved with and completed 4 SJS Grants.

2010-BJ-CX-K0___ (Themes 5 & 8): COMPLETED and posted on the CRG website.
• *Sexual Assault Case Processing in Vermont: Superior Court Case Processing and Sentencing: 2004-2010* http://www.crgvt.org/reports/reportscrimjust/reports/ ... Analysis Centers, 2015
• *Sexual Assault Recidivism in Vermont* - http://www.crgvt.org/reports/reportscrimjust/reports/ ... Core Capacity Building Projects ...
• *Sexual Crimes Against Children: A Study of Offender Recidivism* http://www.crgvt.org/reports/reportscrimjust/reports/CSOreport.html
• *An Outcome Evaluation of the Special Investigation Units Established Under the Sexual Violence Prevention Act of 2006,* http://www.crgvt.org/reports/reportscrimjust/reports/SIUreport.html

2011-BJ-CX-K0514 (Themes 4, 5, & 9): COMPLETED and posted on the CRG website.
• *Evidence-Based Initiatives to Reduce Recidivism* - http://www.crgvt.org/reports/reportscrimjust/reports/ebiredrecid.html
• *Bennington County Integrated Domestic Violence Docket Project: Process Evaluation* http://www.crgvt.org/reports/reportscrimjust/reports/idvdprocesseval.html
• *Criminal Justice Consensus Cost-Benefit Working Group Final Report* http://www.crgvt.org/reports/reportscrimjust/reports/costbenefitrpt.html
• *Chittenden County Rapid Intervention Community Court: Outcome Evaluation* http://www.crgvt.org/reports/reportscrimjust/reports/chittricc.html The Legislative focus of the project changed from the "Quick Hits" program to the RICC program.
• *Chittenden County Rapid Intervention Community Court Process Evaluation* http://www.crgvt.org/reports/reportscrimjust/reports/chittricc2.html

2012-BJ-CX-K009 (Themes 4, 5, 9 & 11): COMPLETED and all but one is posted on the CRG website. This project focused on three areas: 1) race and sentencing in Vermont; 2) developing a statewide capacity for program evaluation; and 3) evidence-based programs for DUI offenders.
• *Race and Sentencing*: This is one of the first studies conducted by a SAC which included interstate criminal history records from the FBI as part of the analysis. After more than a year's delay in obtaining the interstate records, which were obtained through an intervention of Vermont's Senator Leahy, the analysis was completed and a preliminary briefing has been made to the Chair of the House Judiciary Committee. This report is still under review.
• *Developing Statewide Capacity for Program Evaluation* - http://www.crgvt.org/services/services/services/vnerconference.html
• *Vermont Network for Evaluation and Research*. A mission statement, organizational functions, and an online directory for Network members have been developed. http://www.vner.org/
• *Developing a Collaborative Training Model* - http://www.crgvt.org/services/services/services/vnerconference.html
• *Driving Under the Influence / Driving While Intoxicated: A Literature Review* http://www.crgvt.org/reports/reportscrimjust/reports/duilitreview.html
• In order to increase expertise in the areas of evidence-based practices, an extensive literature review of recidivism reduction programs was conducted. This project has been completed and has been posted on the CRG website. http://www.crgvt.org/reports/reportscrimjust/reports/ebiredrecid_files/DOCRR%20Lit%20Rev%20Report.pdf

2013-BJ-CX-K022 (Themes 4, 5, 9, and 11): COMPLETED - all but one has been posted to the website This grant proposed two projects -- 1) The Vermont Criminal Justice System's Response to Drug Crime; and 2) Interagency Exchange of Sensitive Administrative Record Data.
Measuring the Post-disposition Recidivism for Those Defendants Convicted of Drug Crimes in CY2009
Community Outcome Indicators http://www.crgvt.org/services/services/services/rbatraining.html
Online, Interactive, Graphic Intense, and Portable Report: Online research has been conducted on methods for converting Word documents to HTML, and embedding JavaScript into portable documents as well as running *HighCharts* in an offline environment. A preliminary HTML report template from a Word document with an interactive graphic featuring two drill down levels has been created.
Interagency Exchange of Sensitive Administrative Records: This project was a "proof of concept" pilot exchange of sensitive data with a non-criminal justice agency using an encrypted record linkage methodology. CRG contractors identified and modified an open source identity resolution software product and used it to conduct the pilot encrypted data exchange. This simulation demonstrated that datasets from different sources can be transmitted, matched and variables merged using cryptographic hash values that uniquely represent the key identifying variables. The critical identifying information is kept confidential.

Section 4: Plan for Collecting the Data Required for this Solicitation's Performance

Measures: DPS understands that performance measures data is not required at this time and that there is an obligation to collect the data if the grant is awarded. DPS will gather the required data through its research partner, CRG. CRG will provide the data requested in the "Data Grantee Provides" column so that OJP can calculate values for the "Performance Measures" column.