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The [U.S. Department of Justice](#) (DOJ), [Office of Justice Programs](#) (OJP), [National Institute of Justice](#) (NIJ) is pleased to announce that it is seeking applications for funding of further research into the potential for the physiologic and metabolic effects of stress to be a cause for in-custody deaths. This program furthers the Department's mission by sponsoring research to provide objective, independent, evidence-based knowledge and tools to meet the challenges of crime and justice, particularly at the State and local levels.

## Determining the Relationship Between Stress and Unexplained In-Custody Deaths

### Eligibility

In general, NIJ is authorized to make grants to, or enter into contracts or cooperative agreements with, States (including territories), units of local government (including federally recognized Indian tribal governments as determined by the Secretary of the Interior), nonprofit and for-profit organizations (including tribal nonprofit or for-profit organizations), institutions of higher education (including tribal institutions of higher education), and certain qualified individuals. For-profit organizations must agree to forgo any profit or management fee. Foreign governments, foreign organizations, and foreign institutions of higher education are not eligible to apply.

NIJ may elect to make awards for applications submitted under this solicitation in future fiscal years, dependent on the merit of the applications and on the availability of appropriations in future years.

### Deadline

Applicants must register with [Grants.gov](#) prior to submitting an application. (See "How to Apply," page 8.) All applications are due by 11:59 p.m. eastern time on April 25, 2012. (See "Deadlines: Registration and Application," page 3.)

### Contact Information

For technical assistance with submitting an application, contact the Grants.gov Customer Support Hotline at 800-518-4726 or 606-545-5035 or via e-mail to [support@grants.gov](mailto:support@grants.gov).

**Note:** The [Grants.gov](#) Support Hotline hours of operation are 24 hours a day, 7 days a week, except federal holidays.

For assistance with any other requirements of this solicitation, contact Brian Montgomery, Physical Scientist, by telephone at 202-353-9786 or by e-mail to [Brian.Montgomery@ojp.usdoj.gov](mailto:Brian.Montgomery@ojp.usdoj.gov).

Grants.gov number assigned to announcement: NIJ-2012-3107

Release Date: January 26, 2012

SL000990

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# Determining the Relationship Between Stress and Unexplained In-Custody Deaths (CFDA No. 16.560)

## Overview

The purpose of the National Institute of Justice (NIJ) Research, Evaluation, and Development Project Grants program is to encourage and support research, development, and evaluation to improve criminal justice policy and practice in the United States.

With this solicitation, NIJ seeks proposals for research to examine whether the physiologic and metabolic effects of the stress of being subdued or restrained, by any means, may explain otherwise unexplained in-custody deaths.

**Authorizing Legislation:** Title I of the Omnibus Crime Control and Safe Streets Act of 1968 (sections 201 and 202) and Homeland Security Act of 2002 (section 232)

## Deadlines: Registration and Application

Applicants must register with Grants.gov prior to submitting an application. OJP encourages applicants to register several weeks before the application submission deadline. The deadline to apply for funding under this announcement is 11:59 p.m. eastern time on April 25, 2012. See the "How to Apply" section on page 8 for details.

## Eligibility

Refer to the title page for eligibility under this program.

## Program-Specific Information

NIJ's Science and Technology (S&T) program sponsors research, development, test, and evaluation efforts to improve the safety and effectiveness of the tools and technologies used by criminal justice agencies. Although federal agencies are part of its constituency, NIJ's primary focus is on the needs of state and local agencies.

The Bureau of Justice Statistics reports that, between 2003 and 2006, there were 2,002 arrest-related deaths in the United States. Of these, 157 were from unknown causes. Of the 2,002 deaths, 36 occurred after the use of a conducted energy device (CED) such as the TASER<sup>®</sup> by law enforcement officers to subdue an individual. Nine of these 36 were attributed to unknown causes.<sup>1</sup>

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<sup>1</sup> Mumola, C.J., *Arrest-Related Deaths in the United States, 2003–2005*, Special Report (Washington, DC: U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Statistics, October 2007, NCJ 219354).

In 2006, NIJ initiated a study to examine deaths that followed the use of CEDs by law enforcement officers in the United States. The results of that study are detailed in the NIJ Special Report, *Study of Deaths Following Electro Muscular Disruption*.<sup>2</sup>

The study notes that a lack of understanding of the potential lethal mechanisms that might be involved hindered mortality reviews of in-custody deaths that followed exposure to a CED. The expert panel conducting the study postulated four potential mechanisms: (1) cardiac dysrhythmia induced by electrical effects of the CED on the heart muscle, (2) paralysis of the muscles involved in respiration from electrical effects of the CED, (3) induction of a condition wherein the heart's rhythm does not produce a pulse (pulseless electrical activity), brought on by the increased blood acidity (systemic acidosis) resulting from muscle contraction consequent to electrical effects of the CED.

The final mechanism proposed in the study was (4) physiologic and metabolic effects of the stress induced when an individual is subdued with a CED. The panel defined stress as "the body's reaction to threat or physical insult, including but not limited to the adrenaline-related 'flight or fight' reaction." The panel further proposed that the stress associated with being subdued with a CED is of a similar magnitude to the stress an individual would undergo if other means had been used to subdue or restrain him or her. The panel found that there was limited research data concerning the effects of stress and that both the fatal mechanisms of stress and methods to measure and quantify stress effects need further research.

### **Goals, Objectives, and Deliverables**

With this solicitation, NIJ seeks proposals to conduct research to fill the gap of knowledge noted by the panel concerning the effects of stress. Specifically, NIJ seeks proposals for research to: (1) clarify the fatal mechanisms that might be associated with stress resulting from being subdued or restrained, by any means and not limited to CEDs; and, if such mechanisms can be demonstrated, (2) identify post-mortem markers that can inform death investigations.

If a stress-related syndrome can be demonstrated, this effort is expected to lay the groundwork for further research to develop strategies to mitigate in-custody deaths as well as better procedures for death investigations.

At the conclusion of this project, the successful applicant will submit a report that details findings explaining whether physiologic and metabolic effects of stress from being subdued or restrained explain unexplained in-custody deaths. The report must detail the fatal mechanisms that were demonstrated as well as identifying post-mortem markers associated with those mechanisms.

### **Amount and Length of Awards**

Total funding for this solicitation and the number of awards made will depend on the availability of funds, the quality of the applications, and other pertinent factors. **All awards are subject to the availability of appropriated funds and to any modifications or additional requirements that may be imposed by law.** NIJ funding for an individual research or development project rarely exceeds \$500,000 annually, though total funding for projects requiring multiple years to complete has exceeded \$1 million in some cases. If feasible, NIJ recommends that applicants divide the proposed work into discrete phases, with each phase resulting in the delivery of a measurable deliverable. Applicants should try to structure the phases so that the funding required in any fiscal year will not exceed \$500,000. Although NIJ cannot guarantee that

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<sup>2</sup> National Institute of Justice, *Study of Deaths Following Electro Muscular Disruption*, Special Report, (Washington, DC: U.S. Department of Justice, Office of Justice Programs, May 2011, NCJ 233432).

subsequent phases, stages, or tasks will be funded, this approach will enable NIJ to fund the proposed work incrementally, depending on, among other things, the quality of the deliverable at the end of each phase, strategic priorities, and the availability of funds. However, applicants should not divide their work if it is not feasible to do so without impairing the technical and programmatic soundness of their approach. Note: Deliverables (e.g., technical reports, proof-of-concept demonstrations, prototypes, etc.) will be required at the end of each phase to enable NIJ to assess the progress of the work and assist NIJ in making reasoned determinations as to the suitability of funding the next phase of the work.

NIJ anticipates that it will make up to one award of up to \$400,000 for an initial project period of up to 12 months. Funding for subsequent project periods, if any, will depend on, among other things, the quality of the deliverable at the end of the first period, strategic priorities, and the availability of funds.

Applicants should be aware that the total period for an award ordinarily will not exceed 3 years.

**Evaluation research:** Within applications proposing evaluation research, funding priority will be given to experimental research designs that use random selection and assignment of participants to experimental and control conditions. When randomized designs are not feasible, priority will be given to quasi-experimental designs that include contemporary procedures such as Propensity Score Matching or Regression Discontinuity Design to address selection bias in evaluating outcomes and impacts.

Evaluations that also include measurements of program fidelity and implementation as part of a thorough process assessment are desirable. Measurements of program fidelity should be included as part of an assessment of program processes and operations to ensure that policies, programs, and technologies are implemented as designed. As one aspect of a comprehensive evaluation, assessments of program processes should include objective measurements and qualitative observations of programs as they are actually implemented and of services that are delivered. These may include assessment of such aspects as adherence to program content and protocol, quantity and duration, quality of delivery, and participant responsiveness.

Proposed evaluation research designs with multiple units of analysis and multiple measurements will also be given priority. Design aspects that contribute to the validity of results are necessary to effectively address issues of generalizability and representativeness of findings.

Finally, applications that include cost/benefit analysis will be given priority. NIJ views cost/benefit analysis as an effective way to communicate and disseminate findings from evaluation research.

**Please note:** All applicants under this solicitation must comply with Department of Justice regulations on confidentiality and human subjects protection. See “Other Requirements for OJP Applications” at [www.ojp.usdoj.gov/funding/other\\_requirements.htm](http://www.ojp.usdoj.gov/funding/other_requirements.htm).

**What will not be funded:**

1. Provision of training or direct service.
2. Proposals primarily to purchase equipment, materials, or supplies. (The budget may include these items if they are necessary to conduct applied research, development, demonstration, evaluation, or analysis.)

3. Work that will be funded under another specific solicitation.
4. Proposals that do not contain a research component or do not respond to the specific goals of this solicitation.
5. Proposals that do not address the specific topics identified in this solicitation as they are described.

## **Budget Information**

### **Limitation on Use of Award Funds for Employee Compensation; Waiver**

With respect to any award of more than \$250,000 made under this solicitation, federal funds may not be used to pay total cash compensation (salary plus bonuses) to any employee of the award recipient at a rate that exceeds 110% of the maximum annual salary payable to a member of the Federal Government's Senior Executive Service (SES) at an agency with a Certified SES Performance Appraisal System for that year. The 2012 salary table for SES employees is available at [www.opm.gov/oca/12tables/indexSES.asp](http://www.opm.gov/oca/12tables/indexSES.asp). Note: A recipient may compensate an employee at a higher rate, provided the amount in excess of this compensation limitation is paid with non-federal funds. (Any such additional compensation will not be considered matching funds where match requirements apply.)

The limitation on compensation rates allowable under an award may be waived on an individual basis at the discretion of the Director of the National Institute of Justice. An applicant requesting a waiver should include a detailed justification in the budget narrative of its application. Unless the applicant submits a waiver request and justification with the application, the applicant should anticipate that OJP will request the applicant to adjust and resubmit its budget.

The justification should include the particular qualifications and expertise of the individual, the uniqueness of the service being provided, the individual's specific knowledge of the program or project being undertaken with award funds, and a statement explaining that the individual's salary is commensurate with the regular and customary rate for an individual with his/her qualifications and expertise, and for the work to be done.

### **Minimization of Conference Costs**

No OJP funding can be used to purchase food and/or beverages for any meeting, conference, training, or other event. Exceptions to this restriction may be made only in cases where such sustenance is not otherwise available (i.e., extremely remote areas), or where a special presentation at a conference requires a plenary address where there is no other time for sustenance to be obtained. Such an exception would require prior approval from OJP. This restriction does not apply to water provided at no cost, but does apply to any and all other refreshments, regardless of the size or nature of the meeting. Additionally, this restriction does not impact direct payment of per diem amounts to individuals in a travel status under the organization's travel policy.

Updated Department of Justice and OJP guidance on conference planning, minimization of costs, and conference cost reporting will be forthcoming and will be accessible on the OJP website at [www.ojp.usdoj.gov/funding/funding.htm](http://www.ojp.usdoj.gov/funding/funding.htm).

### **Costs Associated with Language Assistance (if applicable)**

If an applicant proposes a program or activity that would deliver services or benefits to individuals, the costs of taking reasonable steps to provide meaningful access to those services or benefits by individuals with limited English proficiency may be allowable costs. Reasonable

steps to provide meaningful access to services or benefits may include interpretation or translation services where appropriate.

For additional information, see the "Civil Rights Compliance" section of the OJP "Other Requirements for OJP Applications" Web page ([www.ojp.usdoj.gov/funding/other\\_requirements.htm](http://www.ojp.usdoj.gov/funding/other_requirements.htm)).

**Match Requirement**

See "Cofunding" under "What an Application Should Include" (below).

**Performance Measures**

To assist the Department in fulfilling its responsibilities under the Government Performance and Results Act of 1993 (GPRA), Public Law 103–62, and the GPRA Modernization Act of 2010, Public Law 111–352, applicants that receive funding under this solicitation must provide data that measure the results of their work done under this solicitation. Any award recipient will be required, post award, to provide the data requested in the “Data Grantee Provides” column so that OJP can calculate values for the “Performance Measures” column. (Submission of performance measures data is not required for the application.) Performance measures for this solicitation are as follows:

<b>Objective</b>	<b>Performance Measures</b>	<b>Data Grantee Provides</b>
Provide safer, more effective tools and technologies for use by criminal justice agencies.	<ol style="list-style-type: none"> <li>1. Relevance to the needs of the field as measured by whether the grantee’s substantive scope did not deviate from the funded proposal or any subsequent agency modifications to the scope.</li> <li>2. Quality of the research as assessed by peer reviewers.</li> <li>3. Quality of management as measured by whether significant interim project milestones were achieved, final deadlines were met, and costs remained within approved limits.</li> <li>4. If applicable, number of fielded technologies.</li> <li>5. If applicable, number of NIJ final grant reports, NIJ research documents, and grantee research documents published.</li> </ol>	<ol style="list-style-type: none"> <li>1. A final report providing a comprehensive overview of the project and a detailed description of the project design, data, and methods; a full presentation of scientific findings; and a thorough discussion of the implications of the project findings for criminal justice practice and policy in the United States.</li> <li>2. Quarterly financial reports, semiannual progress reports, and a final progress report.</li> <li>3. If applicable, each data set that was collected, acquired, or modified in conjunction with the project.</li> <li>4. If applicable, description of fielded technologies.</li> <li>5. If applicable, citation to report(s)/document(s).</li> </ol>

### **Note on Project Evaluations**

Applicants that propose to use funds awarded through this solicitation to conduct project evaluations should be aware that certain project evaluations (such as systematic investigations designed to develop or contribute to generalizable knowledge) may constitute “research” for purposes of applicable DOJ human subjects protection regulations. However, project evaluations that are intended only to generate internal improvements to a program or service, or are conducted only to meet OJP’s performance measure data reporting requirements likely do not constitute “research.” Applicants should provide sufficient information for OJP to determine whether the particular project they propose would either intentionally or unintentionally collect and/or use information in such a way that it meets the DOJ regulatory definition of research.

Research, for the purposes of human subjects protections for OJP-funded programs, is defined as, “a systematic investigation, including research development, testing, and evaluation, designed to develop or contribute to generalizable knowledge” 28 C.F.R. § 46.102(d). For additional information on determining whether a proposed activity would constitute research, see the decision tree to assist applicants on the “Research and the Protection of Human Subjects” section of the OJP “Other Requirements for OJP Applications” Web page ([www.ojp.usdoj.gov/funding/other\\_requirements.htm](http://www.ojp.usdoj.gov/funding/other_requirements.htm)). Applicants whose proposals may involve a research or statistical component also should review the “Confidentiality” section on that Web page.

### **Notice of Post-Award FFATA Reporting Requirement**

Applicants should anticipate that OJP will require all recipients (other than individuals) of awards of \$25,000 or more under this solicitation, consistent with the Federal Funding Accountability and Transparency Act of 2006 (FFATA), to report award information on any first-tier sub-awards totaling \$25,000 or more, and, in certain cases, to report information on the names and total compensation of the five most highly compensated executives of the recipient and first-tier sub-recipients. Each applicant entity must ensure that it has the necessary processes and systems in place to comply with the reporting requirements should it receive funding. Reports regarding subawards will be made through the FFATA Subaward Reporting System (FSRS), found at [www.fsrs.gov](http://www.fsrs.gov).

Please note also that applicants should anticipate that no subaward of an award made under this solicitation may be made to a subrecipient (other than an individual) unless the potential subrecipient acquires and provides a Data Universal Numbering System (DUNS) number.

### **How to Apply**

Applications will be submitted through Grants.gov. Grants.gov is a “one-stop storefront” that provides a unified process for all customers of federal awards to find funding opportunities and apply for funding. Complete instructions on how to register and submit an application can be found at [www.Grants.gov](http://www.Grants.gov). If the applicant experiences technical difficulties at any point during this process, call the Grants.gov Customer Support Hotline at **800-518-4726** or **606-545-5035**, 24 hours a day, 7 days a week, except federal holidays. Registering with Grants.gov is a one-time process; however, **processing delays may occur, and it can take up to several weeks** for first-time registrants to receive confirmation and a user password. OJP highly recommends that applicants start the registration process as early as possible to prevent delays in submitting an application package by the specified application deadline.

All applicants are required to complete the following steps:

1. **Acquire a Data Universal Numbering System (DUNS) number.** In general, the Office of Management and Budget requires that all applicants (other than individuals) for federal funds include a DUNS number in their applications for a new award or renewal of an existing award. A DUNS number is a unique nine-digit sequence recognized as the universal standard for identifying and keeping track of entities receiving federal funds. The identifier is used for tracking purposes and to validate address and point of contact information for federal assistance applicants, recipients, and sub-recipients. The DUNS number will be used throughout the grant life cycle. Obtaining a DUNS number is a free, one-time activity. Obtain a DUNS number by calling Dun and Bradstreet at 866-705-5711 or by applying online at [www.dnb.com](http://www.dnb.com). A DUNS number is usually received within 1-2 business days.
2. **Acquire or renew registration with the Central Contractor Registration (CCR) database.** OJP requires that all applicants (other than individuals) for federal financial assistance maintain current registrations in the CCR database. An applicant must be registered in the CCR to successfully register in Grants.gov. The CCR database is the repository for standard information about federal financial assistance applicants, recipients, and sub-recipients. Organizations that have previously submitted applications via Grants.gov are already registered with CCR, as it is a requirement for Grants.gov registration. Note, however, that applicants must **update or renew their CCR registration annually** to maintain an active status. Information about CCR registration procedures can be accessed at [www.ccr.gov](http://www.ccr.gov).
3. **Acquire an Authorized Organization Representative (AOR) and a Grants.gov username and password.** Complete the AOR profile on Grants.gov and create a username and password. The applicant organization's DUNS number must be used to complete this step. For more information about the registration process, go to [www.grants.gov/applicants/get\\_registered.jsp](http://www.grants.gov/applicants/get_registered.jsp).
4. **Acquire confirmation for the AOR from the E-Business Point of Contact (E-Biz POC).** The E-Biz POC at the applicant organization must log into Grants.gov to confirm the applicant organization's AOR. Note that there can be more than one AOR for the organization.
5. **Search for the funding opportunity on Grants.gov.** Use the following identifying information when searching for the funding opportunity on Grants.gov. The Catalog of Federal Domestic Assistance (CFDA) number for this solicitation is 16.560 titled "National Institute of Justice Research, Evaluation, and Development Project Grants," and the funding opportunity number is NIJ-2012-3107.
6. **Complete the Disclosure of Lobbying Activities.** All applicants must complete this information. An applicant that expends any funds for lobbying activities must provide the detailed information requested on the form, *Disclosure of Lobbying Activities* (SF-LLL). An applicant that does not expend any funds for lobbying activities should enter "N/A" in the required highlighted fields.
7. **Submit an application consistent with this solicitation by following the directions in Grants.gov.** Within 24-48 hours after submitting the electronic application, the applicant should receive an e-mail validation message from Grants.gov. The validation

message will state whether the application has been received and validated, or rejected, with an explanation. **Important:** Applicants are urged to submit applications **at least 72 hours prior** to the due date of the application to allow time to receive the validation message and to correct any problems that may have caused a rejection notification.

**Note: Grants.gov will forward the application to OJP's Grants Management System (GMS). GMS does not accept executable file types as application attachments.** These disallowed file types include, but are not limited to, the following extensions: ".com," ".bat," ".exe," ".vbs," ".cfg," ".dat," ".db," ".dbf," ".dll," ".ini," ".log," ".ora," ".sys," and ".zip."

**Note: Duplicate Applications**

If an applicant submits multiple versions of an application, NIJ will review the most recent version submitted.

**Experiencing Unforeseen Grants.gov Technical Issues**

If an applicant experiences unforeseen Grants.gov technical issues beyond the applicant's control that prevent submission of its application by the deadline, the applicant must email the NIJ contact identified in the Contact Information section on the title page **within 24 hours after the application deadline** and request approval to submit its application. The applicant must include in the e-mail: a description of the technical difficulties, a timeline of submission efforts, the complete grant application, the applicant DUNS number, and Grants.gov Help Desk tracking number(s) the applicant has received. **Note: Requests are not automatically approved by NIJ.** After the program office reviews all of the information submitted, and contacts the Grants.gov Help Desk to validate the technical issues reported, OJP will contact the applicant to either approve or deny the request to submit a late application. If the technical issues reported cannot be validated, the application will be rejected as untimely.

The following conditions are not valid reasons to permit late submissions: (1) failure to begin the registration process in sufficient time, (2) failure to follow Grants.gov instructions on how to register and apply as posted on its Web site, (3) failure to follow all of the instructions in the OJP solicitation, and (4) technical issues experienced with the applicant's computer or information technology (IT) environment, including firewalls.

Notifications regarding known technical problems with Grants.gov, if any, are posted at the top of the OJP funding Web page at [www.ojp.usdoj.gov/funding/solicitations.htm](http://www.ojp.usdoj.gov/funding/solicitations.htm).

**What an Application Should Include**

Applicants should anticipate that failure to submit an application that contains all of the specified elements may negatively affect the review of the application; and, should a decision be made to make an award, it may result in the inclusion of special conditions that preclude access to or use of award funds pending satisfaction of the conditions.

Moreover, applicants should anticipate that applications that are unresponsive to the scope of the solicitation, or that do not include application elements designated by NIJ to be critical, will neither proceed to peer review nor receive further consideration. Under this solicitation, NIJ has designated the following application elements as critical: program narrative, budget detail worksheet and budget narrative, and resumes/curriculum vitae of key personnel. The Budget

Narrative and the Budget Detail Worksheet may be combined in one document. However, if only one document is submitted, it must contain **both** narrative and detail information.

OJP strongly recommends use of appropriately descriptive file names (e.g., "Program Narrative," "Budget Detail Worksheet and Budget Narrative," "Timelines," "Memoranda of Understanding," "Resumes") for all attachments. OJP recommends that resumes be included in a single file.

**1. Information to complete the Application for Federal Assistance (SF-424)**

The SF-424 is a standard form required for use as a cover sheet for submission of pre-applications, applications, and related information. Grants.gov and GMS take information from the applicant's profile to populate the fields on this form. When selecting "type of applicant," if the applicant is a for-profit entity, select "For-Profit Organization" or "Small Business" (as applicable).

**2. Program Narrative**

The program narrative section of the application should not exceed 25 double-spaced pages in 12-point font with 1-inch margins. Abstract, table of contents, charts, figures, appendices, and government forms do not count toward the 25-page limit for the narrative section.

If the program narrative fails to comply with these length-related restrictions, noncompliance may be considered in peer review and in final award decisions.

Program Narrative Guidelines:

- a. **Title Page** (not counted against the 25-page program narrative limit).  
The title page should include the title of the project, submission date, funding opportunity number, and the applicant's name and complete contact information (i.e., name, address, telephone number, and e-mail address).
- b. **Project Abstract** (not counted against the 25-page program narrative limit).  
The 400 to 600-word abstract should state the problem under investigation (including research goals and objectives) and the anticipated relevance of the project to criminal justice public policy, practice, or theory. It should describe the proposed method and/or research design, including data to be used in addressing research questions, data collection procedures and instrumentation, access to data, and other methods or procedures of the proposed study. It should also describe procedures for data analysis and all expected products, including interim and final reports, instrumentation, and devices. If applicable, it should describe the subjects who will be involved in the proposed project, including the number of participants; participants' age, gender, and race/ethnicity; and other pertinent characteristics, such as methods used to gain access to subjects.
- c. **Resubmit Response** (if applicable) (not counted against the 25-page program narrative limit). If an applicant is resubmitting a proposal that was presented previously to NIJ, but not funded, the applicant should indicate this. A statement should be provided, no more than two pages, addressing: (1) the title, submission date, and NIJ-assigned application number of the previous proposal,

and (2) a brief summary of revisions to the proposal. This document should be inserted after the abstract.

- d. **Table of Contents and Figures** (not counted against the 25-page program narrative limit).
- e. **Main body.** The main body of the program narrative should describe the project in depth. The following sections should be included as part of the program narrative:
  - Statement of the Problem.
  - Project/Program Design and Implementation.
  - Capabilities/Competencies.
  - Impact/Outcomes and Evaluation.
  - Dissemination Strategy.

Within these sections, the narrative should address:

- Purpose, goals, and objectives.
- Review of relevant literature.
- Implications for criminal justice policy and practice in the United States.
- Detailed description of research design and methods to include: research questions, hypotheses, description of sample, analysis plan, etc.
- Management plan and organization.

- f. **Appendices** (not counted against the 25-page program narrative limit) include:
  - Bibliography/references.
  - Any tools/instruments, questionnaires, tables/charts/graphs, or maps pertaining to the proposed study.
  - Curriculum vitae, resumes or biographical sketches of key personnel.
  - Project timeline and research calendar with expected milestones.
  - Research independence and integrity (see “Selection Criteria,” below).
  - Human Subjects Protection Paperwork including Institutional Review Board (IRB) documentation and forms (see [www.ojp.gov/nij/funding/humansubjects/human-subjects.htm](http://www.ojp.gov/nij/funding/humansubjects/human-subjects.htm)).
  - Privacy Certificate (for further guidance go to [www.ojp.gov/nij/funding/humansubjects/privacy-certificate-guidance.htm](http://www.ojp.gov/nij/funding/humansubjects/privacy-certificate-guidance.htm)).
  - List of previous and current NIJ awards to applicant organization and investigator(s).
  - Letters of cooperation/support or administrative agreements from organizations collaborating in the project, such as law enforcement and correctional agencies (if applicable).
  - List of other agencies, organizations, or funding sources to which this proposal has been submitted (if applicable).
  - Other materials specified by the solicitation.

### 3. Budget Detail Worksheet and Budget Narrative

#### a. Budget Detail Worksheet

A sample Budget Detail Worksheet can be found at [www.ojp.gov/funding/forms/budget\\_detail.pdf](http://www.ojp.gov/funding/forms/budget_detail.pdf). If the budget is submitted in a different format, the budget categories listed in the sample budget worksheet should be included.

For questions pertaining to budget and examples of allowable and unallowable costs, see the OJP Financial Guide at [www.ojp.usdoj.gov/financialguide/index.htm](http://www.ojp.usdoj.gov/financialguide/index.htm).

#### b. Budget Narrative

The Budget Narrative should thoroughly and clearly describe every category of expense listed in the Budget Detail Worksheet. Proposed budgets are expected to be complete; reasonable and allowable; cost effective; and necessary for project activities. The narrative should be mathematically sound and correspond with the information and figures provided in the Budget Detail Worksheet. The narrative should explain how all costs were estimated and calculated and how they are relevant to the completion of the proposed project. The narrative may include tables for clarification purposes but need not be in a spreadsheet format. As with the Budget Detail Worksheet, the Budget Narrative should be broken down by year.

**Cofunding:** A grant made by NIJ under this solicitation may account for up to 100 percent of the total cost of the project. The application should indicate whether it is feasible for the applicant to contribute cash, facilities, or services as non-Federal support for the project. The application should identify generally any such contributions that the applicant expects to make and the proposed budget should indicate in detail which items, if any, will be supported with non-Federal contributions.

If a successful application proposes a voluntary match amount, the match amount incorporated into the OJP-approved budget becomes mandatory and subject to audit.

### 4. Indirect Cost Rate Agreement (if applicable)

Indirect costs are allowed only if the applicant has a federally approved indirect cost rate. (This requirement does not apply to units of local government.) A copy of the rate approval should be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization or, if the applicant's accounting system permits, costs may be allocated in the direct cost categories. If DOJ is the cognizant Federal agency, obtain information needed to submit an indirect cost rate proposal at [www.ojp.usdoj.gov/funding/pdfs/indirect\\_costs.pdf](http://www.ojp.usdoj.gov/funding/pdfs/indirect_costs.pdf).

### 5. Tribal Authorizing Resolution (if applicable)

If an application is being submitted by either (1) a tribe or tribal organization or (2) a third party proposing to provide direct services or assistance to residents on tribal lands, then a current authorizing resolution of the governing body of the tribal entity or other enactment of the tribal council or comparable governing body authorizing the inclusion of the tribe or tribal organization and its membership should be included with the application. In those instances when an organization or consortium of tribes proposes to apply for a grant on behalf of a tribe or multiple specific tribes, then the application

should include a resolution (or comparable legal documentation, as may be appropriate) from all tribes that will be included as a part of the services/assistance provided under the grant. A consortium of tribes for which existing consortium bylaws allow action without support from all tribes in the consortium (i.e., without authorizing resolution or other enactment of each tribal governing body) may submit a copy of its consortium bylaws with the application in lieu of tribal resolutions (or comparable legal documentation, as may be appropriate).

#### 6. **Other Standard Forms**

Additional forms that may be required in connection with an award are available on OJP's funding page at [www.ojp.usdoj.gov/funding/forms.htm](http://www.ojp.usdoj.gov/funding/forms.htm). For successful applicants, receipt of funds may be contingent upon submission of all necessary forms. Note in particular the following forms.

- a. [Standard Assurances](#)  
Applicants must read, certify, and submit this form in GMS prior to the receipt of any award funds.
- b. [Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibility Matters; and Drug-Free Workplace Requirements](#)  
Applicants must read, certify, and submit in GMA prior to the receipt of any award funds.
- c. [Accounting System and Financial Capability Questionnaire](#) (required for any applicant other than an individual that is a non-governmental entity and that has not received any award from OJP within the past 3 years; this form must be downloaded, completed, and submitted)

## **Selection Criteria**

**Statement of the Problem** (Understanding of the problem and its importance)—20%

**Project/Program Design and Implementation** (Quality and technical merit)—20%

1. Awareness of the state of current research.
2. Soundness of methods and analytic and technical approach.
3. Feasibility of proposed project and awareness of pitfalls.
4. Innovation and creativity (when appropriate).

**Capabilities/Competencies** (Capabilities, demonstrated productivity, and experience of applicants)—15%

1. Qualifications and experience of proposed staff.
2. Demonstrated ability of proposed staff and organization to manage the effort.
3. Adequacy of the plan to manage the project, including how various tasks are subdivided and resources are used.
4. Successful past performance on NIJ grants and contracts (when applicable).

**Budget**—15%

1. Total cost of the project relative to the perceived benefit (cost-effectiveness).
2. Appropriateness of the budget relative to the level of effort.

3. Use of existing resources to conserve costs.

**Impact/Outcomes and Evaluation (Relevance to policy and practice)—20%**

1. Potential for significant advances in scientific or technical understanding of the problem.
2. Potential for significant advances in the field.
3. Relevance for improving the policy and practice of criminal justice and related agencies in the United States and improving public safety, security, and quality of life.
4. Affordability and cost-effectiveness of proposed products, when applicable (e.g., purchase price and maintenance costs for a new technology or cost of training to use the technology).

**Relevance of the project for policy and practice in the United States**

Higher quality applications clearly explain the practical implications of the project. They connect technical expertise with criminal justice policy and practice. To ensure that the project has strong relevance for policy and practice, some researchers and technologists collaborate with practitioners and policymakers. The application may include letters showing support from practitioners, but they carry less weight than clear evidence of the applicant's understanding of how policymakers and practitioners can best use and benefit from the proposed work. While a partnership may affect State or local activities, it should also have broader implications for other communities nationwide.

**Dissemination Strategy—10%**

1. Well-defined plan for the grant recipient to disseminate results to appropriate audiences, including researchers, practitioners, and policymakers.
2. Suggestions for print and electronic products that NIJ should consider developing for practitioners and policymakers.
3. If applicable, a clear strategy leading to the adoption into practice of any equipment or software.

**Research Independence and Integrity**

Regardless of a proposal's rating under the criteria outlined above, in order to receive funds, the applicant's proposal must demonstrate research independence, including appropriate safeguards to ensure research objectivity and integrity.

For purposes of this solicitation, research independence and integrity pertains only to ensuring that the design, conduct, or reporting of research funded by NIJ grants, cooperative agreements, or contracts will not be biased by any financial interest on the part of the investigators responsible for the research or on the part of the applicant.

In the appendix dealing with research independence and integrity, the applicant must explain the process and procedures that the applicant has put in place to identify and manage potential financial conflicts of interest on the part of its staff, consultants, and/or sub-recipients. It must also identify any potential organizational financial conflicts of interest on the part of the applicant with regard to the proposed research. If the applicant believes that there are no potential organizational financial conflicts of interest, the applicant must provide a brief narrative explanation of why it believes that to be the case.

Where potential organizational financial conflicts of interest exist, in the appendix the applicant must identify the safeguards the applicant has put in place to address those conflicts of interest.

Considerations in evaluating research independence and integrity will include, but may not be limited to, the adequacy of the applicant's efforts to identify factors that could affect the objectivity/integrity of the proposed staff and/or the organization in carrying out the research, development, or evaluation activity; and the adequacy of the applicant's existing or proposed remedies to control any such factors.

## **Review Process**

OJP is committed to ensuring a fair and open process for awarding grants. NIJ reviews the application to make sure that the information presented is reasonable, understandable, measurable, and achievable, as well as consistent with the solicitation.

Peer reviewers will review the applications submitted under this solicitation that meet basic minimum requirements. NIJ may use either internal peer reviewers, external peer reviewers, or a combination, to review the applications under this solicitation. An external peer reviewer is an expert in the subject matter of a given solicitation who is NOT a current DOJ employee. An internal reviewer is a current DOJ employee who is well-versed or has expertise in the subject matter of this solicitation. Applications that meet basic minimum requirements will be evaluated, scored, and rated by a peer review panel. Peer reviewers' ratings and any resulting recommendations are advisory only. In addition to peer review ratings, considerations for award recommendations and decisions may include, but are not limited to, underserved populations, geographic diversity, strategic priorities, past performance, and available funding.

The Office of the Chief Financial Officer (OCFO), in consultation with NIJ, conducts a financial review of applications for potential discretionary awards to evaluate the fiscal integrity and financial capability of applicants; examines proposed costs to determine if the Budget Detail Worksheet and Budget Narrative accurately explain project costs; and determines whether costs are reasonable, necessary, and allowable under applicable federal cost principles and agency regulations.

All final award decisions will be made by the Director of the National Institute of Justice, who also may give consideration to factors including, but not limited to, underserved populations, geographic diversity, strategic priorities, past performance, and available funding when making awards.

## **Additional Requirements**

Applicants selected for awards must agree to comply with additional legal requirements upon acceptance of an award. OJP strongly encourages applicants to review the information pertaining to these additional requirements prior to submitting an application. Additional information for each requirement can be found at [www.ojp.usdoj.gov/funding/other\\_requirements.htm](http://www.ojp.usdoj.gov/funding/other_requirements.htm).

- Civil Rights Compliance
- Faith-Based and Other Community Organizations
- Confidentiality

- Research and the Protection of Human Subjects
- Anti-Lobbying Act
- Financial and Government Audit Requirements
- National Environmental Policy Act (NEPA)
- DOJ Information Technology Standards (if applicable)
- Single Point of Contact Review
- Non-Supplanting of State or Local Funds
- Criminal Penalty for False Statements
- Compliance with [Office of Justice Programs Financial Guide](#)
- Suspension or Termination of Funding
- Nonprofit Organizations
- For-profit Organizations
- Government Performance and Results Act (GPRA)
- Rights in Intellectual Property
- Federal Funding Accountability and Transparency Act (FFATA) of 2006
- Awards in Excess of \$5,000,000 – Federal Taxes Certification Requirement
- Active CCR Registration

If a proposal is funded, the award recipient will be required to submit several reports and other materials, including:

**Final substantive report:** The final report should be a comprehensive overview of the project and should include a detailed description of the project design, data, and methods; a full presentation of scientific findings, placed in the context of existing literature; a thorough discussion of the implications of the project findings for criminal justice practice and policy in the United States; etc. It must contain an abstract of no more than 600 words and an executive summary of 2,500 to 4,000 words.

A draft of the final report, abstract, and executive summary must be submitted 90 days before the end date of the grant. The draft final report will be peer reviewed upon submission. The reviews will be forwarded to the principal investigator with suggestions for revisions. The author must then submit the revised final report, abstract, and executive summary by the end date of the grant. The abstract, executive summary, and final report must be submitted in electronic format.

**Interim reports:** Grantees must submit quarterly financial reports, semi-annual progress reports, a final progress report, and, if applicable, an annual audit report in accordance with Office of Management and Budget Circular A-133. Future awards and fund drawdowns may be withheld if reports are delinquent.

**Data sets:** NIJ requires submission of all data sets (original, intermediate, and final) produced or collected for the funded project, and any artifact associated with the project data.

### **Provide Feedback to OJP on This Solicitation**

To assist OJP in improving its application and award processes, we encourage applicants to provide feedback on this solicitation, application submission process, and/or the application review/peer review process. Feedback can be provided to [OJPSolicitationFeedback@usdoj.gov](mailto:OJPSolicitationFeedback@usdoj.gov).

# Application Checklist

## Determining the Relationship Between Stress and Unexplained In-Custody Deaths

This application checklist has been created to assist in developing an application.

### What an Application Should Include:

- \_\_\_\_\_ Application for Federal Assistance (SF-424) (see page 11)
- \_\_\_\_\_ Program Narrative/Abstract Format: (see page 11)
  - \_\_\_\_\_ Double-spaced
  - \_\_\_\_\_ 12-point standard font
  - \_\_\_\_\_ 1" standard margins
  - \_\_\_\_\_ Narrative is 25 pages or less
- \_\_\_\_\_ Appendices to the Program Narrative: (see page 12)
  - \_\_\_\_\_ Bibliography/references
  - \_\_\_\_\_ Any tools/instruments, questionnaires, tables/charts/graphs, or maps pertaining to the proposed study
  - \_\_\_\_\_ Curriculum vitae, resumes or biographical sketches of key personnel
  - \_\_\_\_\_ Project timeline and research calendar with expected milestones
  - \_\_\_\_\_ Research independence and integrity
  - \_\_\_\_\_ Human Subjects Protection Paperwork
  - \_\_\_\_\_ Privacy Certificate
  - \_\_\_\_\_ List of previous and current NIJ awards to applicant organization and investigator(s)
  - \_\_\_\_\_ Letters of cooperation/support or administrative agreements from organizations collaborating in the project (if applicable)
  - \_\_\_\_\_ List of other agencies, organizations, or funding sources to which this proposal has been submitted (if applicable)
- \_\_\_\_\_ Budget Detail Worksheet (see page 13)
- \_\_\_\_\_ Budget Narrative (see page 13)
- \_\_\_\_\_ Indirect Cost Rate Agreement (if applicable) (see page 13)
- \_\_\_\_\_ Tribal Authorizing Resolution (if applicable) (see page 13)
- \_\_\_\_\_ Other Standard Forms as applicable (see pages 14-15), including
  - \_\_\_\_\_ Accounting System and Financial Capability Questionnaire (if applicable)