

The maximum funding level for each project will not exceed \$300,000 per year (including both direct and indirect costs) or \$900,000 for a three-year project period. Applications that exceed the funding caps noted above will be excluded from the competition and returned to the applicant. The availability of Federal funding may vary and is subject to change.

Consideration will also be given to current grantees who submit a competitive supplement requesting one year of funding to enhance or expand existing projects, or to conduct one-year pilot studies. These awards will not exceed \$150,000, including both direct and indirect costs. Supplemental awards will be made for the budget period to coincide with the actual budget period of the grant and are based on the availability of funds.

Continuation awards within an approved project period will be made on the basis of the availability of funds and the following criteria:

1. The accomplishments reflected in the progress report of the continuation application indicate that the applicant is meeting previously stated objectives or milestones contained in the project's annual work plan and satisfactory progress demonstrated through presentations at work-in-progress monitoring workshops.

2. The objectives for the new budget period are realistic, specific, and measurable.

3. The methods described will clearly lead to achievement of these objectives.

4. The evaluation plan will allow management to monitor whether the methods are effective.

5. The budget request is clearly explained, adequately justified, reasonable and consistent with the intended use of grant funds.

#### *Use of Funds*

Grant funds will not be made available to support the provision of direct care. Eligible applicants may enter into contracts, including consortia agreements, as necessary to meet the requirements of the program and strengthen the overall application.

#### *Funding Priority*

Interested persons are invited to comment on the proposed funding priority (see the "Program Requirements" section of this announcement). All comments received within 30 days after publication in the Federal Register will be considered before the final funding priority is established. If the funding priority changes because of comments received, a revised announcement will be

published in the Federal Register, and revised applications will be accepted before the final selections are made. Address comments to the grants management Specialist identified in the "Where to Obtain Additional Information" section of this announcement.

#### *Recipient Financial Participation*

Matching funds are not required for this program.

#### **E. Program Requirements**

NCIPC works to prevent non-occupational unintentional and violence-related injuries, and to minimize the consequences of injuries when they do occur. It's public health approach draws on biomechanics in seven topic areas:

1. Preventing Injuries at Home and in the Community.
2. Preventing Injuries in Sports, Recreation, and Exercise.
3. Preventing Transportation Injuries.
4. Preventing Intimate Partner Violence, Sexual Violence, and Child Maltreatment.
5. Preventing Suicidal Behavior.
6. Preventing Youth Violence.
7. Acute Care, Disability, and Rehabilitation.

In conducting activities to achieve the purpose of this program, the recipient will be responsible for addressing priorities listed below:

#### *High Priority*

Higher priority will be given to research proposals that:

1. Use biomechanics research and the knowledge of injury tolerance and injury mechanisms to develop and/or evaluate interventions that address the following specific injury prevention and control problems:

- a. Falls that occur among older, community dwelling adults (e.g. hip pads).
- b. Injuries in mass trauma events.
- c. Severe and disabling falls among children.
- d. Sports, recreation, and exercise-related injuries (e.g., playground and other play environments, safety gear.)
- e. Injuries associated with people initiating or increasing physical activity (e.g., training programs or protective devices).
- f. Injuries related to outdoor recreation (e.g., vehicle design).
- g. Motorcycling, bicycling and pedestrian injuries (e.g., improved helmets or environments).
- h. Injuries to child occupants of motor vehicles (e.g., universal fasteners and alternative restraint designs).
- i. Injuries to older drivers.

- j. Injuries associated with the effects of emerging vehicle technologies.

2. Identify the biomechanics and specific injuries that would be highly predictive of diagnoses of intimate partner violence and child maltreatment, and improve case definitions.

**Note:** The scoring for applications addressing a high priority item will be weighted an additional 25 points in a scoring system of 100–500 points.

#### *Lower Priority*

In addition, lower priority will be given to research proposals that:

1. Advance the biomechanical understanding of traumatic injury (e.g., injuries to the brain, spinal cord, thorax/abdomen, extremities and joints) including: development of biofidelic models to elucidate injury physiology as well as pharmacologic, surgical, rehabilitation, and other interventions; improvement of injury assessment technology; impact injury mechanisms research; and quantification of injury-related biomechanical responses for critical areas of the human body (e.g., brain and vertebral injury with spinal cord involvement).

2. Define the human tolerance limits for injury, especially determining the differences in human tolerance by age, fitness level, and gender and the biomechanics and injury tolerances of tissue, bone, and other human structures as a prerequisite for developing interventions.

3. Identify the modifiable risk factors for and mechanisms of nonfatal neck, back and soft tissue ("whiplash-like") injuries.

#### **F. Content**

##### *Letter of Intent (LOI)*

A LOI is optional for this program. The program announcement title and number must appear in the LOI. The narrative should be no more than two single-spaced pages, printed on one side, with one-inch margins, and unreduced 12-point font. The letter should identify the name of the principal investigator, and briefly describe the scope and intent of the proposed research work. The letter of intent does not influence review or funding decisions, but the number of letters received will enable CDC to plan the review more effectively and efficiently.

##### *Applications*

The Program Announcement title and number must appear in the application. Use the information in the Program Requirements, Other Requirements, and