

Table of Contents

1		
2	Part 1. Overview Information.....	2
3	Key Dates.....	3
4	Required Application Instructions.....	3
5	Executive Summary.....	4
6	Part 2. Full Text.....	7
7	Section I. Funding Opportunity Announcement Description.....	7
8	Section II. Award Information.....	12
9	Section III. Eligibility Information.....	13
10	Section IV. Application and Submission Information.....	18
11	Section V. Application Review Information.....	24
12	Section VI. Award Administration Information.....	29
13	Section VII. Agency Contacts.....	38
14	Section VIII. Other Information.....	40
15		
16		

17

18

Part 1. Overview Information

Participating Organization(s)	Centers for Disease Control and Prevention (<u>CDC</u>)
Components of Participating Organizations	National Center for Injury Prevention and Control (NCIPC)
Funding Opportunity Announcement (FOA) Title	Research on Integration of Injury Prevention in Health Systems
Activity Code	U01
Funding Opportunity Announcement Type	New
Funding Opportunity Announcement Number	RFA-CE-14-004
Catalog of Federal Domestic Assistance (CFDA) Number(s)	93.136. Injury Prevention and Control Research and State and Community Based Programs
Category of Funding Activity	Health
FOA Purpose	The purpose of this funding is to support research that informs the link between public health and clinical medicine in injury prevention by: 1) developing the evidence base for clinical preventive services in the area of prescription drug overdose and 2) investigating models for partnership between hospitals and state/local health departments in designing community health needs assessments and improvement plans that incorporate injury prevention.

19 **Key Dates**

Publication Date	To receive notification of any changes to CE14-004, return to the synopsis page of this announcement at www.grants.gov and click on the “Send Me Change Notification Emails” link An email address is needed for this service.
Letter of Intent Due Date	Feb. 14, 2014
Application Due Date	March 19, 2014, by 5:00 PM U.S. Eastern Time. On-time submission requires that electronic applications be error-free and made available to CDC for processing from eRA Commons on or before the deadline date. Applications must be submitted to and validated successfully by Grants.gov/eRA Commons no later than 5:00 PM U.S. Eastern Time. Note: HHS/CDC grant submission procedures do not provide a period of time beyond the application due date to correct any error or warning notices of noncompliance with application instructions that are identified by Grants.gov or eRA systems (i.e., error correction window).
Scientific Merit Review	Month(s), Year
Secondary Review	Month, Year
Estimated Start Date	September 30, 2014
Expiration Date	March 20, 2014
Due Dates for E.O. 12372	Executive Order 12372 does not apply to this program.

20

21 **Required Application Instructions**

22 It is critical that applicants follow the instructions in the [SF 424 \(R&R\) Application Guide](#) except
 23 where instructed to do otherwise in this FOA. Conformance to all requirements (both in the
 24 Application Guide and the FOA) is required and strictly enforced. Applicants must read and
 25 follow all application instructions in the Application Guide as well as any program-specific

26 instructions noted in [Section IV](#). When the program-specific instructions deviate from those in
27 the Application Guide, follow the program-specific instructions.

28

29 **Note:** The Research Strategy component of the Research Plan is limited to 20 pages.

30

31 **Applications that do not comply with these instructions may be delayed or not accepted for**
32 **review.**

33

34 **Telecommunications for the Hearing Impaired:** TTY 1-888-232-6348

35

36 **Executive Summary**

37

- **Purpose**

38

Although the health impact of unintentional injury is very high for both individuals and the
39 entire health care system, injury prevention is not fully integrated in clinical settings.

40

Primary care settings and emergency departments are key entry points in which patients
41 can be screened for unintentional injury risk and referred to intervention programs in the
42 community, and in which providers can adhere to clinical guidelines to reduce the burden
43 of injury (for example, in the area of opioid prescribing). Yet, health professionals are not

44

regularly implementing injury preventive services, adhering to guidelines, or expanding
45 their reach through support of community-level policies and practices that can produce

46

community benefit and influence population health. New opportunities have opened for
47 prevention and enhancing the integration of public health and clinical care, in part due to

48

the Patient Protection and Affordable Care Act (PPACA) [Patient Protection and Affordable
49 Care Act § 9007, 26 U.S.C. 501(c) (2010)]. These opportunities include (a) enhanced clinical

50

preventive service delivery that focuses on unintentional injury prevention, and (b)

51

enhanced integration of injury into Community Health Needs Assessments, a requirement
52 of the PPACA for non-profit hospitals that wish to maintain their tax-exempt status.

53

Research is needed to understand how these opportunities can be fully realized to
54 address the burden of unintentional injury.

55

56 Key approaches to enhancing collaboration between public health and clinical care

57

include: (1) better public health use of clinical data, and better clinical use of community
58 population health data, (2) enhanced delivery of high impact clinical preventive services

59

with linkage to community activities, and (3) improvements in drivers of clinical practice
60 such as guidelines, incentive systems, capacity, and partnerships. If used, these

61

approaches could foster inclusion of injury prevention services in the U.S. health care
62 system.

63

64 The research objectives for this FOA support these three approaches by developing the

65

evidence base for clinical services that reduce the burden of injury, and identifying

66

models for hospital/health department partnerships that enhance the use of

67

community population health data on injury to address community needs. Applicants

68 may apply to one of the following two priority areas. The research questions of interest
69 are:

- 70
- 71 1. Developing the evidence base for clinical preventive services – special focus on
72 prescription drug overdose:
- 73 a. What types of clinical services are effective in improving the prescribing of
74 opioid analgesics to reduce their abuse, and prevent morbidity and
75 mortality? In particular, what preventive interventions or policies at a
76 systems level are effective in changing prescriber behavior, leading to
77 reductions in prescriptions for high dose opioids, co-prescribing of opioids
78 with benzodiazepines, and prescriptions from multiple providers, while
79 ensuring patients have access to safe, effective pain treatment (e.g.,
80 requiring use of prescription drug monitoring programs, team-based care)?
- 81 b. What health systems drivers, such as guidelines, health information
82 technology (e.g., clinical decision support integrated within electronic health
83 records), and clinical-community partnerships (e.g., collaborations among
84 public health, state agencies, and private organizations) can enhance service
85 delivery and impact?
- 86 2. Integrating injury within CNHAs: What strategies can best facilitate partnerships
87 between state and local health departments and non-profit hospitals in the design
88 of Community Health Needs Assessments (CHNAs)? How can community-level
89 injury data be incorporated within CHNAs? How can evidence-based, public health
90 injury interventions be translated to facilitate adoption by hospitals as part of
91 Community Health Improvement Plans (CHIPs)? What are the facilitators and
92 barriers?

- 93
- 94 • **Mechanism of Support.** Cooperative agreement
 - 95
 - 96 • **Funds Available and Anticipated Number of Awards.** The National Center for
97 Injury Prevention and Control expects to make available \$800,000 over 2 years to
98 support 2 awards.
 - 99 ▪ Awards issued under this FOA are contingent upon availability of funds and a
100 sufficient number of meritorious applications.
 - 101 ▪ The total amount awarded and the number of awards will depend upon the
102 number, quality, duration and cost of the applications received and approved.
 - 103
 - 104 • **Budget and Project Period.**
105 The estimated total funding (direct and indirect) for the first year (12 month budget
106 period) is \$400,000 and the estimated total funding (direct and indirect) for the entire
107 project period is \$800,000. The project period will run from 09/1/2014 to 08/30/2016.
108
 - 109 • **Application Research Strategy Length:** Page limits for the Research Strategy are
110 clearly specified in Section IV. Application and Submission Information of this
111 announcement.

112
113
114
115
116
117
118
119
120
121
122

- **Eligible Institutions/Organizations.** Institutions/organizations listed in Section III, 1.A. are eligible to apply.
- **Eligible Project Directors/Principal Investigators (PDs/Pis).** Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. NOTE: CDC does not make awards to individuals directly. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply.

123
124
125
126
127
128

- **Number of PDs/Pis.** Applications may name more than 1 PD/PI. However:
 - 1 PD/PI must be designated as the contact person for all correspondence related to the application.
 - All PD/Pis must include their eRA Commons ID in the Credential field of the Senior/Key Person Profile Component of the SF 424(R&R) Application Package.

129
130
131
132

- **Number of Applications.** Eligible applicant institutions may submit more than one application, provided that each application is scientifically distinct. If more than one proposal is submitted from a single institution or group of institutions sharing a common system, not more than one will be awarded.

133
134
135

- **Application Type.** New.

136
137
138
139

- **Special Date(s).**
CDC will conduct a pre-application teleconference call on Wednesday, January 22, 2014 from 1:00-2:30 pm Eastern Time to address prospective applicants' questions regarding RFA-CE14-004, Research on Integration of Injury Prevention in Health Systems.

140

PARTICIPANT ACCESS INFORMATION

141

=====

142

CALL DATE: January 22, 2014

143

CALL TIME: 1:00 pm (EST)

144

CALL DURATION: 1 hour 30 minutes

145

LEADER: Donald Blackman

146

Toll-Free Number: 888-793-2154

147

Passcode: 4424802

148

149

- **Application Materials.** See **Section IV.1** for application materials.

150

- **Hearing Impaired.** Telecommunications for the hearing impaired are available at: TTY: (770) 488-2783.

151
152
153

154

155

Part 2. Full Text

156

Section I. Funding Opportunity Announcement Description

158

Statutory Authority

160 This program is authorized under Section 301 (a) [42 U.S.C 241(a)] of the Public Health Services
161 Act, and Section 391(a) [42 U.S.C 280 b (a)] of the Public Health Services Act, as amended

162

163

164

1. Background and Purpose

165

166 Over 120,000 people died from unintentional injuries in the United States in 2010, and
167 approximately 1 in 10 people experienced a nonfatal injury serious enough to require a visit to
168 the emergency department. Unintentional injuries are the leading cause of death for people
169 aged 1-44 years, and kill more people in this age group than heart disease, cancer, chronic
170 respiratory disease, or stroke. Unintentional injuries take a dramatic economic toll on the
171 nation, with medical costs alone estimated to be \$81.6 billion in 2010 (CDC, 2013).

172

173 Although the health impact of unintentional injury is very high for both individuals and the
174 entire health care system, injury prevention is not fully integrated in clinical settings. Primary
175 care settings and emergency departments are key entry points in which patients can be
176 screened for unintentional injury risk and referred to intervention programs in the community,
177 and in which providers can adhere to clinical guidelines to reduce the burden of injury (for
178 example, in the area of opioid prescribing). Yet, health professionals are not regularly
179 implementing injury preventive services, adhering to guidelines, or expanding their reach
180 through support of community-level policies and practices that can produce community benefit
181 and influence population health. New opportunities have opened for prevention and enhancing
182 the integration of public health and clinical care, in part due to the Patient Protection and
183 Affordable Care Act (PPACA) [Patient Protection and Affordable Care Act § 9007, 26 U.S.C.
184 501(c) (2010)]. These opportunities include (a) enhanced clinical preventive service delivery that
185 focuses on unintentional injury prevention, and (b) enhanced integration of injury into
186 Community Health Needs Assessments, a requirement of the PPACA for non-profit hospitals
187 that wish to maintain their tax-exempt status. Research is needed to understand how these
188 opportunities can be fully realized to address the burden of unintentional injury through better
189 data use, service delivery, and partnerships.

190

191 Developing the Evidence Base for Clinical Preventive Services: Prescription Drug Overdose

192

193 Poisoning deaths, of which nearly 90% are drug poisoning or overdose deaths, surpassed motor
194 vehicle deaths for the first time in 2008 (CDC, 2013). In 2011, drug misuse and abuse caused
195 about 2.5 million emergency department (ED) visits. Of these, more than 1.4 million ED visits

196 were related to pharmaceuticals (SAMHSA, 2013). Overdose death rates from opioid analgesics,
197 such as oxycodone, hydrocodone, and methadone have increased four-fold between 1999 and
198 2010 (CDC, 2011). Even though the health impact of prescription drug overdose is very large,
199 there are limited evidence-based, systems-level interventions that have been identified to
200 impact provider prescribing of opioids and reduce patient risk that can be implemented in
201 clinical settings.

202
203 The PPACA has made preventive services more accessible by requiring health plans to cover
204 recommended preventive services without cost sharing [Patient Protection and Affordable Care
205 Act § 2713 (2010)]. Preventive services with a grade of A or B issued by the US Preventive
206 Services Task Force are now covered. Currently, there are no recommended preventive services
207 with A or B grades that address prescription drug overdose. There is an interest in building the
208 evidence base, with a focus on approaches that are at the systems level, focus on provider
209 behavior, and link together clinical and public health services.

210
211 For example, studies are underway to rigorously test different models of screening and
212 intervention for prescription drug misuse using the Screening, Brief Intervention, and Referral
213 to Treatment (SBIRT) model in emergency departments with prospective, randomized
214 controlled trials (D’Onofrio, 2013; Merchant, 2013). Evidence for the utility of SBIRT for
215 prescription drug misuse and overdose in other primary care settings, such as family practice
216 and general internal medicine clinics, is needed (Saitz, 2010). There are also innovative systems-
217 level initiatives that have been shown to change provider behavior across a group practice. For
218 example, Group Health, a Seattle-based nonprofit healthcare system, implemented a major
219 initiative to improve opiate prescribing and was successful in getting 85% of a chronic non-
220 cancer pain population enrolled in a care plan that included treatment goals, medication
221 regimen, frequency of monitoring visits, and requirements for urine drug screening. It is
222 unknown the degree to which this approach has impacted receipt of excess prescriptions of
223 opioids and prescription opioid overdose events. Thus, although evidence is emerging on such
224 preventive services and systems changes, rigorous research on public health interventions that
225 focus on reducing patient risk (e.g., coordinated care plans, overdose education with naloxone)
226 and changing provider prescribing behavior (e.g., models for enhancing prescription drug
227 monitoring program use and guideline implementation) is lacking.

228 229 Integration of Injury into Community Health Needs Assessments (CHNAs)

230
231 Although hospitals are expected to engage in activities that promote health for the benefit of
232 the entire community (particularly when such activities are offered in exchange for tax
233 exemptions), the degree to which hospitals integrate injury prevention, a leading cause of
234 injury and death, into community health improvement plans is uncertain.

235
236 The PPACA has implemented new requirements for non-profit hospitals that wish to maintain
237 their tax-exempt status [Patient Protection and Affordable Care Act § 9007, 26 U.S.C. 501(c)
238 (2010)]. Non-profit hospitals must conduct a community health needs assessment every three
239 years. The CHNA must take into account input from persons who represent the broad interests

240 of the community serviced by the hospital facility, including those with special knowledge of or
241 expertise in public health, and must be made widely available to the public. To assess the
242 health needs of a community, a hospital must identify significant health needs, prioritize the
243 health needs (e.g., based on burden, scope, or severity; existence of disparities; or availability
244 of effective interventions), and identify potential measures and resources (e.g., programs,
245 organizations, facilities in the community) available to address the needs. Improvements might
246 include improving access to care by removing financial and other barriers to care. Annually, the
247 hospitals must report how the facility plans to address the health need (or identify the health
248 needs as one the facility does not intend to address and explain why the facility does not intend
249 to address the need); identify the programs and resources the facility plans to commit; and
250 discuss any planned collaboration between the hospital facility and other organizations.

251
252 Given the public health burden of injury, it is expected that topics such as older adult falls,
253 prescription drug overdose, or motor vehicle injuries might arise as a key areas of concern. This
254 might be particularly true for hospitals that include Level I trauma centers, which must already
255 support research in injury prevention to maintain their Level I status. It is important that there
256 are CHNA best practice models available for adoption by hospitals with trauma centers that
257 include engagement of state and/or local health departments, and address injury as a leading
258 cause of injury and death in the community. Such models might include innovative data
259 collection; data sharing; selection of programs, policies, and practices based on the best
260 available evidence; and improvement strategies based on translation research approaches.
261 Models might expand the type of strategies considered for implementation, including not only
262 individual patient-based interventions (e.g., injury preventive screening), but also community-
263 based interventions (e.g., local policies). Research is needed to determine which models can
264 best facilitate health department collaboration, and ensure that the leading causes of injury
265 and death, such as unintentional injury, are included in CHNAs and CHIPs to address community
266 needs.

267
268

269 **Healthy People 2020 and other National strategic priorities**

270 IVP-1 Reduce fatal and nonfatal injuries

271 This FOA takes advantage of the unique opportunity provided by PPACA to link together
272 clinical and public health community services.

273

274 **Public Health Impact** -- Like diseases, injuries are preventable. This research will help
275 CDC address the deficiencies in the evidence base for clinical preventive services by
276 identifying interventions that can reduce risks, change health behaviors, and improve
277 health outcomes, particularly injuries and mortality related to prescription drug
278 overdose. This research will also assist CDC in understanding the best practices for
279 hospitals to use in collaboration with state and local health departments to facilitate the
280 identification and implementation of strategies that reduce the burden of injury at a
281 population level by incorporating injury into their community health needs assessments
282 and response plans.

283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326

Relevant work

CDC’s research on health systems has focused on chronic disease prevention (e.g. cancer, diabetes, hypertension, stroke, and heart disease), and infectious diseases. For example, CDC has worked to support the uptake of clinical preventive services—recommended tests and screenings that can detect diseases early, or vaccinations that protect against infectious diseases. Other focus areas have included improving health and healthcare surveillance activities to get better data on health status and healthcare activities, enhancing the Community Preventive Services Task Force’s capacity to assess and disseminate scientific evidence for prevention, enhancing the capacity of laboratories to detect diseases, and improving programs to address healthcare-associated infections.

The National Center for Injury Prevention and Control has recently turned its attention to the intersection of public health and healthcare delivery, by creation of a health systems team to, in part, support the integration of public health injury prevention with clinical medicine. Early work of the Injury Center has focused on drivers, such as translating clinical guidelines into tools for practitioners to enhance adoption of evidence-based practice. For example, CDC has developed the STEADI Tool Kit – Stopping Elderly Accidents, Deaths, and Injuries (<http://www.cdc.gov/homeandrecreationalafety/Falls/steady/index.html>). This tool kit provides resources for health care providers who treat older adults who are at risk of falling or who may have fallen in the past. The tool kit is based on an algorithm adapted from the American and British Geriatric Societies’ clinical practice guideline for fall risk assessment. CDC has funded states to support provider adoption of STEADI and implement evidence-based community fall prevention programs to which patients with fall risk can be referred. States are also working with clinics and health plans to include fall risk assessment and referral within the electronic health record.

NCIPC has also focused on the prescription drug overdose epidemic within health systems, and has identified the connection between high-risk, inappropriate opioid prescribing and increases in opioid misuse, abuse, and overdose. Addressing this driver of the epidemic is a priority for CDC. NCIPC’s approach for reversing the epidemic focuses on three primary strategies: strengthening surveillance, informing policy solutions by building the evidence base, and improving clinical practice. This FOA advances the last strategy. NCIPC believes that the most effective interventions in combating the prescription drug overdose epidemic include those designed to identify and address high-risk patients at a stage when their risky behaviors can be most effectively addressed. Focus on improving clinical practice has included the development of indicators to measure inappropriate prescribing (see, for example, Ying et al, 2013), as well as on the use of prescription drug monitoring programs (PDMPs). Strong yet accessible PDMPs that promote proactive patient interventions are a critical component of a high-risk focused strategy. By enabling providers to identify high-risk

327 patients at the point of care, via improved access to and use of PDMPs and improved
328 comprehensiveness of PDMP data, providers can intervene with patients and address
329 their high-risk behaviors, including providing or redirecting patients to substance abuse
330 treatment as necessary.

331
332 Thus, integrating public health approaches to injury prevention within clinical care is a
333 priority for CDC. The current FOA aims to advance CDC’s work in this area by fostering
334 the development of provider initiated, evidence-based injury prevention strategies and
335 injury-specific community health needs assessments and improvement plans.

336

337 **2. Approach**

338

339 The research objectives for this FOA support these three approaches by developing the
340 evidence base for clinical services that reduce the burden of injury, and identifying
341 models for hospital/health department partnerships that enhance the use of
342 community population health data on injury to address community needs. Applicants
343 may apply to one of the following two priority areas. The research questions of interest
344 are:

345

346 1. Developing the evidence base for clinical preventive services – special focus on
347 prescription drug overdose:

- 348 a. What types of clinical services are effective in improving the prescribing of
349 opioid analgesics to reduce their abuse, and prevent morbidity and
350 mortality? In particular, what preventive interventions or policies at a
351 systems level are effective in changing prescriber behavior, leading to
352 reductions in prescriptions for high dose opioids, co-prescribing of opioids
353 with benzodiazepines, and prescriptions from multiple providers, while
354 ensuring patients have access to safe, effective pain treatment (e.g.,
355 requiring use of prescription drug monitoring programs, team-based care)?
- 356 b. What health systems drivers, such as guidelines, health information
357 technology (e.g., clinical decision support integrated within electronic health
358 records), and clinical-community partnerships (e.g., collaborations among
359 public health, state agencies, and private organizations) can enhance service
360 delivery and impact?

361 2. Integrating injury within CNHAs: What strategies can best facilitate partnerships
362 between state and local health departments and non-profit hospitals in the design
363 of Community Health Needs Assessments (CHNAs)? How can community-level
364 injury data be incorporated within CHNAs? How can evidence-based, public health
365 injury interventions be translated to facilitate adoption by hospitals as part of
366 Community Health Improvement Plans (CHIPs)? What are the facilitators and
367 barriers?

368

369 Research addressing question 1 may be designed as a small pilot study or leverage an existing
370 study (e.g., by adding preventive services for prescription drug overdose prevention to other

371 health system models). Preventive services and system changes must build on existing
 372 knowledge and focus on methods that are practical for scaling up. Proposals that investigate
 373 drivers such as guidelines, clinical decision support systems within electronic health records, or
 374 public health-private partnerships are of particular interest. Rigorous evaluation research
 375 methods are expected. Methods may include quasi-experimental designs, randomized
 376 controlled trials, or prospective cohorts. Qualitative data collection may be proposed to
 377 supplement the evaluation to investigate barriers and success factors for adoption by health
 378 systems. Projects may be directed at the population level or toward groups that are at
 379 particularly high risk. Outcomes might include process variables (e.g., use of PDMP systems,
 380 prescribed morphine equivalents, random drug screening, uncoordinated opioid prescriptions
 381 from multiple providers, timeliness of monitoring visits) and health impact variables (e.g., 911
 382 calls, emergency department visits, hospitalizations, and deaths linked to prescription drug
 383 abuse).

384
 385 Research addressing question 2 may include qualitative and quantitative approaches. Methods
 386 might include surveys to understand the data and information needs of hospitals in developing
 387 community health needs assessments (CHNAs), identifying improvement plans (CHIPs), and
 388 evaluating outcomes achieved (community benefit). Interviews or focus groups could be used
 389 to understand the facilitators and barriers of hospitals partnering with state and/or local health
 390 departments and community-based organizations. Outcomes are expected to include inclusion
 391 of injury topics in the CHNAs and CHIPs, as reported on the IRS Form 990 and Schedule H (the
 392 federal tax return for nonprofit hospitals). The applicant must provide a detailed explanation
 393 for how the data are to be obtained and used and how the analytic methods will successfully
 394 address the research questions. Measures specific to injury burden and prevention must be
 395 incorporated. It is anticipated that lessons learned from building collaborations between
 396 hospitals and health departments based on the data would be summarized in a best practices
 397 guide.

398
 399
 400 **Section II. Award Information**

401

<p>Funding Mechanism</p>	<p>Applications in response to this FOA will be funded using the cooperative agreement mechanism.</p> <p>Cooperative Agreement: A support mechanism used when there may be Federal scientific or programmatic involvement. Involvement means that, after award, scientific or program staff may assist, guide, coordinate, or participate in project activities.</p> <p>CDC purpose is to support and stimulate the recipients' activities by involvement in and otherwise working jointly with the award recipients in a partnership role; it is not to assume direction,</p>
---------------------------------	---

	<p>prime responsibility, or a dominant role in the activities. Consistent with this concept, the dominant role and prime responsibility resides with the awardees for the project as a whole, although specific tasks and activities may be shared among the awardees and HHS/CDC as defined below.</p>
Application Types Allowed	<p><u>New</u> - An application that is submitted for funding for the first time.</p>
Funds Available and Anticipated Number of Awards	<p>The estimated total funding (direct and indirect costs) for the first year (12 month budget period) is \$400,000. The estimated total funding (direct and indirect) for the entire project period is \$800,000.</p> <p>Awards issued under this FOA are contingent on the availability of funds and submission of a sufficient number of meritorious applications.</p>
Ceiling and Floor of Individual Award Range	<p>Maximum \$ amount (total costs): \$200,000 Minimum \$ amount: None</p>
Project Period Length	<p>The project period will be 2 years, from 9/1/2014 to 8/30/2016.</p> <p>Throughout the project period, CDC's commitment to continuation of awards will depend on the availability of funds, evidence of satisfactory progress by the recipient (as documented in required reports), and CDC's determination that continued funding is in the best interest of the Federal government.</p>

402
403 HHS/CDC grants policies as described in the HHS Grants Policy Statement
404 (<http://dhhs.gov/asfr/ogapa/aboutog/grantsnet.html>) will apply to the applications submitted
405 and awards made in response to this FOA.
406

407 **Section III. Eligibility Information**

408 **1. Eligible Applicants**

409 **Eligible Organizations**

411
412 Higher Education Institutions:

- 413 • Public/State Controlled Institutions of Higher Education
- 414 • Private Institutions of Higher Education

415
416 The following types of Higher Education Institutions are always encouraged to apply for CDC
417 support as Public or Private Institutions of Higher Education:

- 418 • Hispanic-serving Institutions
- 419 • Historically Black Colleges and Universities (HBCUs)
- 420 • Tribally Controlled Colleges and Universities (TCCUs)
- 421 • Alaska Native and Native Hawaiian Serving Institutions

422
423 Nonprofits Other Than Institutions of Higher Education

- 424 • Nonprofits (Other than Institutions of Higher Education)

425

426 For- Profit Organizations

- 427 • Small Businesses
- 428 • For-Profit Organizations (Other than Small Businesses)

429

430 Governments

- 431 • State Governments
- 432 • County Governments
- 433 • City or Township Governments
- 434 • Special District Governments
- 435 • Indian/Native American Tribal Governments (Federally Recognized)
- 436 • Indian/Native American Tribal Governments (Other than Federally Recognized)
- 437 • Eligible Agencies of the Federal Government
- 438 • U.S. Territory or Possession

439

440

441 Other

- 442 • Independent School Districts
- 443 • Public Housing Authorities/Indian Housing Authorities
- 444 • Native American tribal organizations (other than Federally recognized tribal
445 governments)
- 446 • Faith-based or Community-based Organizations
- 447 • Regional Organizations
- 448 • Bona Fide Agents: a Bona Fide Agent is an agency/organization identified by the
449 state as eligible to submit an application under the state eligibility in lieu of a state
450 application. If applying as a bona fide agent of a state or local government, a legal,
451 binding agreement from the state or local government as documentation of the
452 status is required. Attach with "Other Attachment Forms" when submitting via
453 www.grants.gov.
- 454 • Federally Funded Research and Development Centers (FFRDCs): FFRDCs are
455 operated, managed, and/or administered by a university or consortium of

456 universities, other not-for-profit or nonprofit organization, or an industrial firm, as
457 an autonomous organization or as an identifiable separate operating unit of a parent
458 organization. A FFRDC meets some special long-term research or development need
459 which cannot be met as effectively by an agency's existing in-house or contractor
460 resources. FFRDC's enable agencies to use private sector resources to accomplish
461 tasks that are integral to the mission and operation of the sponsoring agency. For
462 more information on FFRDCs, go to [http://ecfr.gpoaccess.gov/cgi/t/text/text-
463 idx?c=ecfr&sid=512ff78311f427c00454772dcf21523a&rgn=div8&view=text&node=4
464 8:1.0.1.6.34.0.1.18&idno=48](http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=512ff78311f427c00454772dcf21523a&rgn=div8&view=text&node=48:1.0.1.6.34.0.1.18&idno=48).

466 **2. Foreign Organizations**

467 Foreign Organizations **are not** eligible to apply.

468
469 Foreign components of U.S. Organizations **are not** eligible to apply.

470
471 For this announcement, applicants **may** include collaborators or consultants from foreign
472 institutions. All applicable federal laws and policies apply.

473 474 475 **3. Special Eligibility Requirements**

- 476
477 • The principal investigator or other key personnel must demonstrate expertise in the
478 area of unintentional injury and health systems research (e.g., public health/health
479 care collaboration; preventive service delivery and prescription drug overdose
480 prevention for priority 1). Expertise is illustrated by evidence of at least one peer-
481 reviewed publication or serving as an investigator on a grant or cooperative
482 agreement in the subject matter areas (include in the biographical sketch).
- 483 • The applicant must demonstrate well-defined working relationships with
484 organizations expected to participate in the research, including clinical care settings,
485 primary care practices, emergency departments, or hospitals. This should be
486 demonstrated by letters of support detailing the nature and extent of the
487 involvement from the performing organization and outside entities (include in the
488 appendices).
- 489 • The applicant must demonstrate the ability to access existing data or collect
490 necessary health data to evaluate the strategies, such as through an MOU or letter
491 of agreement (include in the appendices).

492 493 494 **4. Responsiveness**

- 495
496 • The principal investigator or other key personnel must demonstrate expertise in the
497 area of unintentional injury and health systems research (e.g., public health/health
498 care collaboration; preventive service delivery and prescription drug overdose

499 prevention for priority 1). Expertise is illustrated by evidence of at least one peer-
500 reviewed publication or serving as an investigator on a grant or cooperative
501 agreement in the subject matter areas (include in the biographical sketch).
502 Applicants should clearly identify the relevant publications or research grant support
503 in their SF 424 Biographical Sketch. **Applications where the key personnel do not**
504 **meet these requirements will be considered nonresponsive.**

- 505
- 506 • The application must include letters of support detailing the nature and extent of
507 the working relationships and involvement that can be expected from the outside
508 organizations that will participate in the research. **Applications which do not**
509 **include letters of support from participating organizations will be considered**
510 **nonresponsive.**
- 511
- 512 • The application must include memoranda of understanding or letters of agreement
513 identifying the data that will be available to complete the proposed project. The
514 data may be existing data or new data to be collected as part of project work. This
515 documentation should be included in an appendix. **Applications which do not**
516 **include documentation of access to project data will be considered nonresponsive.**
- 517
- 518

519 **5. Required Registrations**

520 Applicant organizations must complete the following registrations as described in the SF 424
521 (R&R) Application Guide to be eligible to apply for or receive an award. Applicants must have a
522 valid Dun and Bradstreet Universal Numbering System (DUNS) number in order to begin each of
523 the following registrations.

- 524
- 525 • (Foreign entities only): Special Instructions for acquiring a Commercial and
526 Governmental Entity (NCAGE) Code:
527 http://www.dlis.dla.mil/Forms/Form_AC135.asp
- 528 • System for Award Management (SAM) – must maintain current registration in
529 SAM (the replacement system for the Central Contractor Registration) to be
530 renewed annually, http://www.grants.gov/applicants/org_step2.jsp.
- 531 • [Grants.gov](http://www.Grants.gov)
- 532 • [eRA Commons](http://www.eRACommons.org)
- 533

534 All applicant organizations must register with **Grants.gov**. Please visit www.Grants.gov at least
535 30 days prior to submitting your application to familiarize yourself with the registration and
536 submission processes. The “one-time” registration process will take three to five days to
537 complete. However, it is best to start the registration process at least two weeks prior to
538 application submission.

539

540 All Program Directors/Principal Investigators (PD/Pis) **must** also work with their institutional
541 officials to register with the **eRA Commons** or ensure their existing eRA Commons account is

542 affiliated with the eRA Commons account of the applicant organization. **All registrations must**
543 **be successfully completed and active before the application due date.** Applicant organizations
544 are strongly encouraged to start the registration process at least four (4) weeks prior to the
545 application due date.

546
547

548 **6. Universal Identifier Requirements and Central Contractor Registration**

549 All applicant organizations **must obtain** a DUN and Bradstreet (D&B) Data Universal Numbering
550 System (DUNS) number as the Universal Identifier when applying for Federal grants or
551 cooperative agreements. The DUNS number is a nine-digit number assigned by Dun and
552 Bradstreet Information Services. An AOR should be consulted to determine the appropriate
553 number. If the organization does not have a DUNS number, an AOR should complete the [US](#)
554 [D&B D-U-N-S Number Request Web Form](#) or contact Dun and Bradstreet by telephone directly
555 at 1-866-705-5711 (toll-free) to obtain one. A DUNS number will be provided immediately by
556 telephone at no charge. Note this is an organizational number. Individual Program
557 Directors/Principal Investigators do not need to register for a DUNS number.

558

559 Additionally, all applicant organizations must register in the **System for Award Management**
560 **(SAM)**, the replacement system for the Central Contractor Registration (CCR) database.
561 Organizations must maintain the registration with current information at all times during which
562 it has an application under consideration for funding by CDC and, if an award is made, until a
563 final financial report is submitted or the final payment is received, whichever is later. SAM is the
564 primary registrant database for the Federal government and is the repository into which an
565 entity must provide information required for the conduct of business as a recipient. Additional
566 information about registration procedures may be found at the SAM internet site at
567 <https://www.sam.gov/index.html>.

568

569 If an award is granted, the grantee organization **must** notify potential sub-recipients that **no**
570 organization may receive a sub award under the grant unless the organization has provided its
571 DUNS number to the grantee organization.

572

573 **7. Eligible Individuals (Project Director/Principal Investigator) in** 574 **Organizations/Institutions**

575 Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed
576 research as the Project Director/Principal Investigator (PD/PI) is invited to work with his/her
577 organization to develop an application for support. Individuals from underrepresented racial
578 and ethnic groups as well as individuals with disabilities are always encouraged to apply for
579 HHS/CDC support.

580

581 **Cost Sharing**

582 This FOA **does not** require cost sharing as defined in the HHS Grants Policy Statement
583 (<http://dhhs.gov/asfr/ogapa/aboutog/grantsnet.html>).

584

585 **Number of Applications**

586 Eligible applicant institutions may submit more than one application, provided that each
587 application is scientifically distinct. If more than one proposal is submitted from a single
588 institution or group of institutions sharing a common system, not more than one will be
589 awarded.

590
591 As defined in the HHS Grants Policy Statement,
592 (<http://dhhs.gov/asfr/ogapa/aboutog/grantsnet.html>), applications received in response to the
593 same funding opportunity announcement generally are scored individually and then ranked with
594 other applications under peer review in their order of relative programmatic, technical, or scientific
595 merit. HHS/CDC will not accept any application in response to this FOA that is essentially the same
596 as one currently pending initial peer review unless the applicant withdraws the pending application.
597

598 **Section IV. Application and Submission Information**

599 **1. Address to Request Application Package**

600 Applicants must download the SF424 (R&R) application package associated with this funding
601 opportunity from www.Grants.gov.

602
603 If access to the Internet is not available or if the applicant encounters difficulty accessing the
604 forms on-line, contact the HHS/CDC Procurement and Grants Office Technical Information
605 Management Section (PGO TIMS) staff at (770) 488-2700 or pgotim@cdc.gov for further
606 instructions. Hours: Monday - Friday, 7am – 4:30pm U.S. Eastern Standard Time. CDC
607 Telecommunications for the hearing impaired or disabled is available at: TTY 1-888-232-6348.

608

609 **2. Content and Form of Application Submission**

610 It is critical that applicants follow the instructions in the SF424 (R&R) Application Guide
611 (http://grants.nih.gov/grants/guide/url_redirect.htm?id=12000), except where instructed in
612 this Funding Opportunity Announcement to do otherwise. Conformance to the requirements in
613 the Application Guide is required and strictly enforced. Applications that are out of compliance
614 with these instructions may be delayed or not accepted for review.

615

616 The forms package associated with this FOA includes all applicable components, mandatory and
617 optional. Please note that some components marked optional in the application package are
618 required for submission of applications for this FOA. Follow the instructions in the SF 424 (R&R)
619 Application Guide to ensure you complete all appropriate “optional” components.

620

621 In conjunction with the SF424 (R&R) components, CDC grants applicants should also complete
622 and submit additional components titled “PHS398.” Note the PHS398 should include assurances
623 and certifications, additional data required by the agency for a complete application. While
624 these are not identical to the PHS398 application form pages, the PHS398 reference is used to
625 distinguish these additional data requirements from the data collected in the SF424 (R&R)
626 components. A complete application to CDC will include SF424 (R&R) and PHS398 components.
627 These forms can be downloaded and uploaded as Attachment A from the following link:

628 <http://www.cdc.gov/od/pgo/funding/grants/foamain.shtm>

629

630 **3. Letter of Intent**

631

632 Although a letter of intent is not required, is not binding, and does not enter into the review of
633 a subsequent application, the information that it contains allows CIO staff to estimate the
634 potential review workload and plan the review.

635

636 By the date listed in Part 1. Overview Information, prospective applicants are asked to submit a
637 letter of intent that includes the following information:

638 Name of the Applicant

639 Descriptive title of proposed research

640 Name, address, and telephone number of the PD(s)/PI(s)

641 Names of other key personnel

642 Participating institutions

643 Number and title of this funding opportunity

644

645 The letter of intent should be sent to:

646 Jane Suen, DrPH

647 Scientific Review Officer

648 National Center for Injury Prevention and Control

649 Centers for Disease Control and Prevention (CDC)

650 4770 Buford Hwy, NE, Mailstop F-63

651 Atlanta, GA 30341

652 Telephone: 770-488-4281

653 FAX: 770-488-4422

654 Email: jxs8@cdc.gov

655

656 **4. Required and Optional Components**

657 A complete application has many components, both required and optional. The forms package
658 associated with this FOA in Grants.gov includes all applicable components for this FOA, required
659 and optional.

660

661 **5. PHS 398 Research Plan Component**

662 The SF424 (R&R) Application Guide includes instructions for applicants to complete a PHS 398
663 Research Plan that consists of 16 components. Not all 16 components of the Research Plan
664 apply to all Funding Opportunity Announcements (FOAs). Specifically, some of the following 16
665 components are for Resubmissions or Revisions only. See Part I, Section 5.5 of the SF 424 (R&R)
666 Application Guide (http://grants.nih.gov/grants/guide/url_redirect.htm?id=12000) for
667 additional information. Please attach applicable sections of the following Research Plan
668 components as directed in Part 2, Section 1 (Funding Opportunity Announcement Description).
669 Follow the page limits stated in the SF 424 unless otherwise specified in the FOA. As applicable
670 to and specified in the FOA, the application should include the bolded headers in this section
671 and should address activities to be conducted over the course of the entire project, including
672 but not limited to:

- 673
674 1. Introduction to Application (for Resubmission and Revision ONLY) - provide a clear
675 description about the purpose of the proposed research and how it addresses the
676 specific requirements of the FOA. – N/A
677 2. Specific Aims – state the problem the proposed research addresses and how it will result
678 in public health impact and improvements in population health.
679 3. Research Strategy – the research strategy should be organized under 3 headings:
680 Significance, Innovation and Approach. Describe the proposed research plan, including
681 staffing and timeline.
682 4. Inclusion Enrollment Report (Renewal and Revision applications ONLY)—N/A
683 5. Progress Report Publication List (for Continuation ONLY)—N/A
684

685 Human Subjects Section

- 686 6. Protection of Human Subjects
687 7. Inclusion of Women and Minorities
688 8. Targeted/Planned Enrollment Table (for New Application ONLY)
689 9. Inclusion of Children
690

691 Other Research Plan Sections

- 692 10. Vertebrate Animals
693 11. Select Agent Research
694 12. Multiple PD/PI Leadership Plan.
695 13. Consortium/Contractual Arrangements
696 14. Letters of Support
697 15. Resource Sharing Plan(s)
698 16. Appendix
699

700 Component 4 (Inclusion Enrollment Report) applies only to Renewal and Revision applications
701 for clinical research. Clinical research is that which is conducted with human subjects (or on
702 material of human origin such as tissues, specimens and cognitive phenomena) for which an
703 investigator (or colleague) directly interacts with human subjects. Excluded from this definition
704 are in vitro studies that utilize human tissues that cannot be linked to a living individual.
705 Patient-oriented research includes: (a) mechanisms of human disease, (b) therapeutic
706 interventions, (c) clinical trials, and (d) development of new technologies). Follow the page
707 limits in the SF 424 **unless otherwise specified in the FOA.**

708
709 All instructions in the SF424 (R&R) Application Guide
710 (http://grants.nih.gov/grants/funding/424/SF424_RR_Guide_General_Adobe_VerB.pdf) must
711 be followed along with any additional instructions provided in the FOA.
712

713 **6. Appendix**

714 Do not use the appendix to circumvent page limits. A maximum of 10 PDF documents are
715 allowed in the appendix. Additionally, up to 3 publications may be included that are not

716 publically available. Follow all instructions for the Appendix as described in the SF424 (R&R)
717 Application Guide.

718
719

720 **7. Page Limitations**

721 All page limitations described in this individual FOA must be followed. For this specific FOA, the
722 Research Strategy component of the Research Plan narrative is limited to 20 pages. The
723 Research Plan narrative is limited to 25 pages, including the Research Strategy.

724

725 Supporting materials for the Research Plan narrative included as appendices may not exceed 10
726 PDF files with a maximum of 50 pages for all appendices.

727

728 **8. Format for Attachments**

729 Designed to maximize system-conducted validations, multiple separate attachments are
730 required for a complete application. When the application is received by the agency, all
731 submitted forms and all separate attachments are combined into a single document that is
732 used by peer reviewers and agency staff. Applicants should ensure that all attachments are
733 uploaded to the system.

734

735 **CDC requires all text attachments to the Adobe application forms be submitted as PDFs and**
736 **that all text attachments conform to the agency-specific formatting requirements noted in**
737 **the SF424 (R&R) Application Guide (Part I, Section 2)**
738 **(http://grants.nih.gov/grants/guide/url_redirect.htm?id=12000).**

739

740 **9. Submission Dates and Times**

741 Part I. Overview Information contains information about Key Dates. Applicants are encouraged
742 to submit in advance of the deadline to ensure they have time to make any application
743 corrections that might be necessary for successful submission.

744

745 Organizations must submit applications via [Grants.gov](http://www.grants.gov/) (<http://www.grants.gov/>), the online
746 portal to find and apply for grants across all Federal agencies. The eRA Commons systems
747 retrieve the application from Grants.gov and check the application against CDC business rules. If
748 no errors are found, the application will be assembled in the eRA Commons for viewing by the
749 applicant before moving on for further CDC processing.

750

751 If errors are found, the applicant will be notified in the eRA Commons. They must make
752 required changes to the local copy of their application and submit again through Grants.gov.

753 **Applicants are responsible for viewing their application in the eRA Commons to ensure**
754 **accurate and successful submission.**

755

756 Once you can see your application in the Commons, be sure to review it carefully as this is what the
757 reviewer will see. Applicants must then complete the submission process by tracking the status of
758 the application in the eRA Commons

759 (http://grants.nih.gov/grants/guide/url_redirect.htm?id=11123).

760 Information on the submission process is provided in the SF424 (R&R) Application Guide.

761

762 **Note:** HHS/CDC grant submission procedures do not provide a period of time beyond the grant
763 application due date to correct any error or warning notices of noncompliance with application
764 instructions that are identified by Grants.gov or eRA systems (i.e. error correction window).

765

766 The application package is not complete until it has passed the Grants.gov/eRA Commons
767 validation process. This process and email notifications of receipt, validation or rejection may
768 take two (2) business days.

769

770 Applicants are strongly encouraged to allocate additional time prior to the submission deadline
771 to submit their applications and to correct errors identified in the validation process. Applicants
772 are encouraged also to check the status of their application submission to determine if the
773 application packages are complete and error-free. Applicants who encounter system errors
774 when submitting their applications must attempt to resolve them by contacting the Grants.gov
775 Contact Center (1-800-518-4726; support@grants.gov). If the system errors cannot be resolved,
776 applicants must contact CDC PGO TIMS at 770-488-2700; www.pgotim@cdc.gov for guidance at
777 least 3 calendar days before the deadline date.

778

779 **After submission of your application package, applicants will receive a “submission receipt”**
780 **email generated by Grants.gov. Grants.gov will then generate a second e-mail message to**
781 **applicants which will either validate or reject their submitted application package. This**
782 **validation process may take as long as two (2) business days. A third and final e-mail**
783 **message is generated once the applicant’s application package has passed validation and the**
784 **grantor has confirmed receipt of the application.**

785

786 **Unsuccessful Submissions:**

787 If an application submission was unsuccessful, ***the applicant*** must:

788

789 1. Track his/her submission and verify the submission status (tracking should be done
790 initially regardless of rejection or success).

791 a. If the status states “***rejected***,” do #2a or #2b.

792

793 2. Check his/her emails from both Grants.gov and eRA Commons for rejection notices.

794 a. If the deadline has passed, he/she should email CDC PGO TIMS
795 (pgotim@cdc.gov) explaining why the submission failed.

796 b. If there is time before the deadline, he/she should correct the problem(s) and
797 resubmit as soon as possible.

798

799 **10. Intergovernmental Review (E.O. 12372)**

800

801 This initiative is not subject to intergovernmental review

802 (http://grants.nih.gov/grants/guide/url_redirect.htm?id=11142).

803

804

805 **11. Funding Restrictions**

806 All HHS/CDC awards are subject to the terms and conditions, cost principles, and other
807 requirements described in the HHS Grants Policy Statement. Pre-award costs may be
808 authorized as an expanded authority, but only if authorized by CDC. Funds relating to the
809 conduct of research involving human subjects will be restricted until the appropriate assurances
810 and Institutional Review Board approvals are in place.

811

812 CDC/HHS grantees may use CDC funds to engage in activities to enhance prevention; collect
813 and analyze data; publish and disseminate results of research and surveillance data; implement
814 prevention strategies; conduct community outreach services; foster coalition building and
815 consensus on public health initiatives; provide leadership and training, and foster safe and
816 healthful environments. However, awardees may not use funds for any kind of impermissible
817 lobbying activity designed to influence proposed or pending legislation, appropriations,
818 regulations, administrative actions, or Executive Orders (“legislation and other orders”). These
819 restrictions include grass roots lobbying efforts and direct lobbying. Direct lobbying includes
820 any attempt to influence legislation, appropriations, regulations, administrative actions or
821 Executive Orders (“legislation or other orders”), or other similar deliberations at all levels of
822 government through communications that directly express a view on proposed or pending
823 legislation or other orders and which are directed to members of staff, or other employees of a
824 legislative body or to government officials or employees who participate in the formulation of
825 legislation or other orders. Grass Roots lobbying includes efforts directed at inducing or
826 encouraging members of the public to contact their elected representatives at the Federal,
827 State or local levels to urge support of, or opposition to, proposed or pending legislative
828 proposals. Certain activities within the normal and recognized executive-legislative
829 relationships within the executive branch of that government are permissible. See Additional
830 Requirement (AR) 12 for further guidance on this prohibition.

831

832 **12. Other Submission Requirements and Information**

833

834 **Application Submission**

835 Applications must be submitted electronically following the instructions described in the SF 424
836 (R&R) Application Guide. PAPER APPLICATIONS WILL NOT BE ACCEPTED.

837

838 **Applicants must complete all required registrations before the application due date.** Section
839 III. Eligibility Information contains information about registration.

840

841 For assistance with your electronic application or for more information on the electronic
842 submission process, visit Applying Electronically
843 (http://grants.nih.gov/grants/guide/url_redirect.htm?id=11144).

844

845 **Important reminders:**

846 All PD/PIs must include their eRA Commons ID in the Credential field of the Senior/Key

847 Person Profile Component of the SF 424(R&R) Application Package. Failure to register in
848 the Commons and to include a valid PD/PI Commons ID in the credential field will prevent
849 the successful submission of an electronic application to CDC.

850
851 The applicant organization must ensure that the DUNS number it provides on the
852 application is the same number used in the organization's profile in the eRA Commons and
853 for the Central Contractor Registration (CCR). Additional information may be found in the
854 SF424 (R&R) Application Guide.

855
856 Applicants are reminded to enter the approved Federal Wide Assurance (FWA) that the
857 applicant has on file with the Office for Human Research Protections, if available. If the
858 applicant has a FWA number, enter the 8-digit number. Do not enter the FWA before the
859 number. If a Project/Performance Site is engaged in research involving human subjects, the
860 applicant organization is responsible for ensuring that the Project/Performance Site
861 operates under and appropriate Federal Wide Assurance for the protection of human
862 subjects and complies with 45 CFR Part 46 and other CDC human subject related policies
863 described in Part II of this Application Guide and in the HHS Grants Policy Statement.

864
865 See more resources to avoid common errors and submitting, tracking, and viewing
866 applications: http://grants.nih.gov/grants/ElectronicReceipt/avoiding_errors.htm or
867 http://grants.nih.gov/grants/ElectronicReceipt/submit_app.htm

868
869 Upon receipt, applications will be evaluated for completeness by the CDC Procurement and
870 Grants Office (PGO) and responsiveness by PGO and the Center, Institute or Office of the
871 CDC. Applications that are incomplete and/or nonresponsive will not be reviewed.

872

873 **Section V. Application Review Information**

874 **1. Criteria**

875 Only the review criteria described below will be considered in the review process. As part of the
876 CDC mission (<http://www.cdc.gov/about/organization/mission.htm>), all applications submitted
877 to the CDC in support of public health research are evaluated for scientific and technical merit
878 through the CDC peer review system.

879

880 **Overall Impact**

881 Reviewers will provide an overall impact/priority score to reflect their assessment of the
882 likelihood for the project to exert a sustained, powerful influence on the research
883 field(s) involved, in consideration of the following review criteria and additional review
884 criteria (as applicable for the project proposed).

885

886 **Scored Review Criteria**

887 Reviewers will consider each of the review criteria below in the determination of
888 scientific merit, and give a separate score for each. An application does not need to be

889 strong in all categories to be judged likely to have major scientific impact. For example,
890 a project that by its nature is not innovative may be essential to advance a field.

891

892 **Significance**

893 Does the project address an important problem or a critical barrier to progress in the
894 field? If the aims of the project are achieved, how will scientific knowledge, technical
895 capability, and/or clinical practice be improved? How will successful completion of the
896 aims change the concepts, methods, technologies, treatments, services, or preventative
897 interventions that drive this field? For projects evaluating preventive services, does the
898 project further extend what is known about the effectiveness of systems level changes
899 for prescription drug overdose prevention? Do the strategies evaluated have the
900 potential to be adapted and implemented by health professionals in different contexts
901 with different populations? Are novel collaborations with community-based agencies
902 forged to improve referral and follow up that could be adapted in similar communities?
903 For projects addressing community health needs assessments, will the project generate
904 data that can inform other hospitals on how to collaborate with health departments to
905 develop needs assessments and implementation plans that address injury? Will
906 qualitative data reveal facilitators and barriers to incorporating injury prevention into
907 the CHNA requirement?

908

909

910 **Investigator(s)**

911 Are the PD/PIs, collaborators, and other researchers well suited to the project? Have
912 they demonstrated an ongoing record of accomplishments that have advanced their
913 field(s)? If the project is collaborative or multi-PD/PI, do the investigators have
914 complementary and integrated expertise; are their leadership approach, governance
915 and organizational structure appropriate for the project? Have the investigators
916 previously conducted research on service delivery in the area of prescription drug
917 overdose prevention? Have the investigators demonstrated experience collaborating
918 with health professionals in clinical care settings, including primary care practices,
919 emergency departments, and/or hospitals? Have the investigators worked with
920 community-based injury prevention groups and/or studied screening in the clinical
921 setting with referral to community-based agencies? Have the investigators
922 demonstrated experience in accessing and analyzing health data? Do the investigators
923 demonstrate extensive knowledge in the areas of unintentional injury and health
924 systems research (e.g., preventive service delivery, public health/healthcare
925 collaboration)? Do the publications and experience of the principal investigator or key
926 personnel reflect extensive knowledge in the areas of unintentional injury and health
927 systems research?

928

929

930 **Innovation**

931 Does the application challenge and seek to shift current research or clinical practice
932 paradigms by utilizing novel theoretical concepts, approaches or methodologies,

933 instrumentation, or interventions? Are the concepts, approaches or methodologies,
934 instrumentation, or interventions novel to one field of research or novel in a broad
935 sense? Is a refinement, improvement, or new application of theoretical concepts,
936 approaches or methodologies, instrumentation, or interventions proposed? Will this
937 project generate innovations in approaches to evidence-based injury preventive service
938 delivery? Will this project generate innovations in approaches that hospitals might use
939 to assess community health needs and develop implementation plans that incorporate
940 injury prevention and injury outcomes? Will the project reveal approaches that local,
941 state, and federal public health agencies could use to enable collection of injury data
942 and the creation and implementation of prevention strategies?
943

944 **Approach**

945 Are the overall strategy, methodology, and analyses well-reasoned and appropriate to
946 accomplish the specific aims of the project? Are potential problems, alternative
947 strategies, and benchmarks for success presented? If the project is in the early stages of
948 development, will the strategy establish feasibility and will particularly risky aspects be
949 managed? Does this project incorporate rigorous research methods? For projects
950 evaluating preventive services, is an experimental or quasi-experimental design
951 proposed? Are randomized controlled trials considered? For projects addressing
952 community health needs assessments, does the project include at least one hospital
953 that has a Level I trauma center? Are robust mixed-methods employed to glean from
954 hospitals the barriers or enablers to injury surveillance and prevention through the
955 CHNA mechanism?
956

957 If the project involves clinical research, are there plans for 1) protection of human
958 subjects from research risks, and 2) inclusion of minorities and members of both
959 sexes/genders, as well as the inclusion of children, justified in terms of the scientific
960 goals and research strategy proposed?
961

962 **Environment**

963 Will the scientific environment in which the work will be done contribute to the
964 probability of success? Are the institutional support, equipment and other physical
965 resources available to the investigators adequate for the project proposed? Will the
966 project benefit from unique features of the scientific environment, subject populations,
967 or collaborative arrangements? Is there evidence that adequate partnerships have been
968 developed between collaborating health organizations that are participating in the
969 proposed research or sharing data? Is there evidence that the applicant can access
970 health data, such as injury and mortality data, hospital needs assessment data, and
971 electronic health records?
972

973

974 **2. Additional Review Criteria**

975 As applicable for the project proposed, *reviewers will evaluate* the following additional items
976 while determining scientific and technical merit, and in providing an overall impact/priority
977 score, but *will not give separate scores* for these items.

978 **Protections for Human Subjects**

979 If the research involves human subjects but does not involve one of the six categories of
980 research that are exempt under [45 CFR Part 46](#) , the committee will evaluate the
981 justification for involvement of human subjects and the proposed protections from
982 research risk relating to their participation according to the following five review
983 criteria: 1) risk to subjects, 2) adequacy of protection against risks, 3) potential benefits
984 to the subjects and others, 4) importance of the knowledge to be gained, and 5) data
985 and safety monitoring for clinical trials.

986
987 For research that involves human subjects and meets the criteria for one or more of the
988 six categories of research that are exempt under 45 CFR Part 46, the committee will
989 evaluate: 1) the justification for the exemption, 2) human subjects involvement and
990 characteristics, and 3) sources of materials. For additional information on review of the
991 Human Subjects section, please refer to the HHS/CDC Requirements under AR-1 Human
992 Subjects Requirements
993 (http://www.cdc.gov/od/pgo/funding/grants/additional_req.shtm#ar1).

994
995 If your proposed research involves the use of human data and/or biological specimens,
996 you must provide a justification for your claim that no human subjects are involved in
997 the Protection of Human Subjects section of the Research Plan.

998
999 **Inclusion of Women, Minorities, and Children**

1000 When the proposed project involves clinical research, the committee will evaluate the
1001 proposed plans for inclusion of minorities and members of both genders, as well as the
1002 inclusion of children. For additional information on review of the Inclusion section,
1003 please refer to the policy on the Inclusion of Women and Racial and Ethnic Minorities in
1004 Research (<http://www.cdc.gov/OD/foia/policies/inclusio.htm>) and the policy on the
1005 Inclusion of Persons Under21 in Research ([http://aops-mas-](http://aops-mas-iis.cdc.gov/Policy/Doc/policy496.pdf)
1006 [iis.cdc.gov/Policy/Doc/policy496.pdf](http://aops-mas-iis.cdc.gov/Policy/Doc/policy496.pdf)).

1007
1008 **Vertebrate Animals**

1009 The committee will evaluate the involvement of live vertebrate animals as part of the
1010 scientific assessment according to the following five points: 1) proposed use of the animals,
1011 and species, strains, ages, sex, and numbers to be used; 2) justifications for the use of
1012 animals and for the appropriateness of the species and numbers proposed; 3) adequacy of
1013 veterinary care; 4) procedures for limiting discomfort, distress, pain and injury to that which
1014 is unavoidable in the conduct of scientifically sound research including the use of analgesic,
1015 anesthetic, and tranquilizing drugs and/or comfortable restraining devices; and 5) methods
1016 of euthanasia and reason for selection if not consistent with the AVMA Guidelines on
1017 Euthanasia. For additional information on review of the Vertebrate Animals section, please

1018 refer to the Worksheet for Review of the Vertebrate Animal Section
1019 (http://grants.nih.gov/grants/guide/url_redirect.htm?id=11150).

1020

1021 **Biohazards**

1022 Reviewers will assess whether materials or procedures proposed are potentially
1023 hazardous to research personnel and/or the environment, and if needed, determine
1024 whether adequate protection is proposed.

1025

1026

1027

1028

1029

1030 **3. Additional Review Considerations**

1031 As applicable for the project proposed, reviewers will consider each of the following items, but
1032 *will not give scores* for these items, and should not consider them in providing an overall
1033 impact/priority score.

1034

1035 **Resource Sharing Plans**

1036 HHS/CDC policy requires that recipients of grant awards make research resources and
1037 data readily available for research purposes to qualified individuals within the scientific
1038 community after publication. Please see:

1039 <http://www.cdc.gov/od/foia/policies/sharing.htm>. Investigators responding to this
1040 funding opportunity should include a plan on sharing research resources and data.

1041

1042 **Budget and Period of Support**

1043 Reviewers will consider whether the budget and the requested period of support are
1044 fully justified and reasonable in relation to the proposed research. The applicant can
1045 obtain guidance for completing a detailed justified budget on the CDC website, at the
1046 following Internet address: <http://www.cdc.gov/od/pgo/funding/budgetguide.htm>.

1047

1048

1049 **4. Review and Selection Process**

1050 Applications will be evaluated for scientific and technical merit by an appropriate peer review
1051 group, in accordance with CDC peer review policy and procedures, using the stated review
1052 criteria.

1053

1054 As part of the scientific peer review, all applications:

1055

- 1056 • Will undergo a selection process in which only those applications deemed to have
1057 the highest scientific and technical merit (generally the top half of applications
1058 under review), will be discussed and assigned an overall impact/priority score.
- 1059 • Will receive a written critique.

1060 Applications will be assigned to the appropriate HHS/CDC Center, Institute, or Office.

1061 Applications will compete for available funds with all other recommended applications

1062 submitted in response to this FOA. Following initial peer review, recommended applications will
1063 receive a second level of review. The following will be considered in making funding decisions:

- 1064 • Scientific and technical merit of the proposed project as determined by scientific
1065 peer review.
- 1066 • Availability of funds.
- 1067 • Relevance of the proposed project to program priorities.

1068
1069 **5. Anticipated Announcement and Award Dates**

1070 After the peer review of the application is completed, the PD/PI will be able to access his or her
1071 Summary Statement (written critique) and other pertinent information via the eRA Commons.
1072

1073 **Section VI. Award Administration Information**

1074 **1. Award Notices**

1075 Any application awarded in response to this FOA will be subject to the DUNS, CCR Registration,
1076 and Transparency Act requirements. If the application is under consideration for funding,
1077 HHS/CDC will request "just-in-time" information from the applicant as described in the HHS
1078 Grants Policy Statement (<http://dhhs.gov/asfr/ogapa/aboutog/grantsnet.html>).
1079

1080 A formal notification in the form of a Notice of Award (NoA) will be provided to the applicant
1081 organization for successful applications. The NoA signed by the Grants Management Officer is
1082 the authorizing document and will be sent via email to the grantee's business official.
1083

1084 Awardees must comply with any funding restrictions described in [Section IV.5. Funding](#)
1085 [Restrictions](#). Selection of an application for award is not an authorization to begin performance.
1086 Any costs incurred before receipt of the NoA are at the recipient's risk. These costs may be
1087 allowable as an expanded authority, but only if authorized by CDC.
1088

1089 **2. CDC Administrative Requirements**

1090 **Overview of Terms and Conditions of Award and Requirements for Specific Types of Grants**

1091 All HHS/CDC grant and cooperative agreement awards include the HHS Grants Policy Statement as
1092 part of the NoA. For these terms of award, see the HHS Grants Policy Statement Part II: Terms and
1093 Conditions of Award (<http://dhhs.gov/asfr/ogapa/grantinformation/hhsgps107.pdf>).
1094

1095 Awardees must comply with the administrative requirements (AR) outlined in 45 Code of
1096 Federal Regulations (CFR) Part 74 or Part 92, as appropriate, as well as any additional
1097 requirements included in the FOA.
1098

1099 Specific requirements that apply to this FOA are the following:

1100 Generally applicable ARs:

1101 [AR-1: Human Subjects Requirements](#)

1102 [AR-2: Inclusion of Women and Racial and Ethnic Minorities in Research](#)

1103 [AR-7: Executive Order 12372 Review](#)

- 1104 [AR-9: Paperwork Reduction Act Requirements](#)
- 1105 [AR-10: Smoke-Free Workplace Requirements](#)
- 1106 [AR-11: Healthy People 2010](#)
- 1107 [AR-12: Lobbying Restrictions](#)
- 1108 [AR-13: Prohibition on Use of CDC Funds for Certain Gun Control Activities](#)
- 1109 [AR-14: Accounting System Requirements](#)
- 1110 [AR-16: Security Clearance Requirement](#)
- 1111 [AR-17: Peer and Technical Reviews of Final Reports of Health Studies – ATSDR](#)
- 1112 [AR-21: Small, Minority, And Women-owned Business](#)
- 1113 [AR-22: Research Integrity](#)
- 1114 [AR-24: Health Insurance Portability and Accountability Act Requirements](#)
- 1115 [AR-25: Release and Sharing of Data](#)
- 1116 [AR-26: National Historic Preservation Act of 1966](#)
- 1117 [AR-28: Inclusion of Persons Under the Age of 21 in Research](#)
- 1118 [AR-29: Compliance with EO13513, “Federal Leadership on Reducing Text Messaging while Driving”, October 1, 2009](#)
- 1119 [AR-30: Information Letter 10-006, - Compliance with Section 508 of the Rehabilitation Act of](#)
- 1120 [1973](#)
- 1121 [AR 31 - Distinguishing Public Health Research and Public Health Nonresearch](#)
- 1122 [AR 32 – FY 2012 Enacted General Provisions](#)
- 1123
- 1124
- 1125

1126 For more information on the Code of Federal Regulations, visit the National Archives and
1127 Records Administration at: <http://www.access.gpo.gov/nara/cfr/cfr-table-search.html>

1128 To view brief descriptions of relevant CDC requirements visit:

1129 http://www.cdc.gov/od/pgo/funding/grants/additional_req.shtm

1130

1131 **3. Additional Policy Requirements**

1132 The following are additional policy requirements relevant to this FOA:

1133

1134 **HHS Policy on Promoting Efficient Spending: Use of Appropriated Funds for Conferences and**

1135 **Meetings, Food, Promotional Items and Printing Publications**

1136 This policy supports the Executive Order on Promoting Efficient Spending (EO 13589), the Executive
1137 Order on Delivering and Efficient, Effective, and Accountable Government (EO 13576) and the Office
1138 of Management and Budget Memorandum on Eliminating Excess Conference Spending and Promoting
1139 Efficiency in Government (M-35-11). This policy apply to all new obligations and all funds
1140 appropriated by Congress. For more information, visit the HHS website at:

1141 http://www.hhs.gov/asfr/ogapa/acquisition/effspendpol_memo.html)

1142

1143 **Federal Funding Accountability and Transparency Act of 2006**

1144 Public Law 109-282, the Federal Funding Accountability and Transparency Act of 2006 as
1145 amended (FFATA), requires full disclosure of all entities and organizations receiving Federal
1146 funds including grants, contracts, loans and other assistance and payments through a single

1147 publicly accessible Web site, www.USASpending.gov (<http://www.usaspending.gov/>). For the
1148 full text of the requirements, please review the following website:
1149 http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109_cong_bills&docid=f:s2590enr.txt.pdf
1150

1151 **Plain Writing Act**

1152 The Plain Writing Act of 2010 was signed into law on October 13, 2010. The law requires that
1153 federal agencies use "clear Government communication that the public can understand and
1154 use" and requires the federal government to write all new publications, forms, and publicly
1155 distributed documents in a "clear, concise, well-organized" manner. For more information on
1156 this law, go to: <http://www.plainlanguage.gov/plLaw/index.cfm>.

1157 **Tobacco and Nutrition Policies**

1158 The CDC supports implementing evidence-based programs and policies to reduce tobacco use and
1159 secondhand smoke exposure, and to promote healthy nutrition. CDC encourages all awardees to
1160 implement the following *optional* evidence-based tobacco and nutrition policies within their
1161 organizations. These policies build on the current federal commitment to reduce exposure to
1162 secondhand smoke, which includes The Pro-Children Act, 20 U.S.C. 7181-7184 that prohibits smoking
1163 in certain facilities that receive federal funds.
1164

1165 **Tobacco:**

- 1166 • Tobacco-free indoors – no use of any tobacco products (including smokeless
1167 tobacco) or electronic cigarettes in any indoor facilities under the control of the
1168 applicant.
- 1169 • Tobacco-free indoors and in adjacent outdoor areas – no use of any tobacco
1170 products or electronic cigarettes in any indoor facilities, within 50 feet of doorways
1171 and air intake ducts, and in courtyards under the control of the applicant.
- 1172 • Tobacco-free campus – no use of any tobacco products or electronic cigarettes in
1173 any indoor facilities and anywhere on grounds or in outdoor space under the control
1174 of the applicant.
1175

1176 **Nutrition:**

- 1177 • Healthy food service guidelines that at a minimum align with Health and Human
1178 Services and General Services Administration Health and Sustainability Guidelines for
1179 Federal Concessions and Vending Operations for cafeterias, snack bars, and vending
1180 machines in any facility under the control of the recipient organization and in
1181 accordance with contractual obligations for these services. The following are
1182 resources for healthy eating and tobacco free workplaces:
1183
 - 1184 – http://www.gsa.gov/graphics/pbs/Guidelines_for_Federal_Concessions_and_Vending_Operations.pdf
 - 1185 – <http://www.cdc.gov/nccdphp/dnpao/hwi/toolkits/tobacco/index.htm>
 - 1186 – <http://www.cdc.gov/chronicdisease/resources/guidelines/food-service-guidelines.htm>
 - 1187
 - 1188

1189

1190 Applicants should state whether they choose to participate in implementing these two
1191 *optional* policies. However, **no applicants will be evaluated or scored** on whether they
1192 choose to participate in implementing these optional policies.
1193

1194 **3. Cooperative Agreement Terms and Conditions of Award**

1195 The following special terms of award are in addition to, and not in lieu of, otherwise applicable
1196 U.S. Office of Management and Budget (OMB) administrative guidelines, U.S. Department of
1197 Health and Human Services (DHHS) grant administration regulations at 45 CFR Parts 74 and 92
1198 (Part 92 is applicable when State and local Governments are eligible to apply), and other HHS,
1199 PHS, and CDC grant administration policies.
1200

1201 The administrative and funding instrument used for this program will be the cooperative
1202 agreement, an "assistance" mechanism (rather than an "acquisition" mechanism), in which CDC
1203 programmatic involvement with the awardees is anticipated during the performance of the
1204 activities. Under the cooperative agreement, the HHS/CDC purpose is to support and stimulate
1205 the recipients' activities by involvement in and otherwise working jointly with the award
1206 recipients in a partnership role; CDC Project Officers are not to assume direction, prime
1207 responsibility, or a dominant role in the activities. Consistent with this concept, the dominant
1208 role and prime responsibility resides with the awardees for the project as a whole, although
1209 specific tasks and activities may be shared among the awardees and HHS/CDC as defined
1210 below.
1211

1212 Projects that request approval or significant input from CDC for the development of study
1213 design, research methods, participant recruitment, or information collection instruments may
1214 require review and approval by the Office of Management and Budget (OMB). OMB approval
1215 may require up to 10 months. During the OMB approval process, the awardee may not pursue
1216 information collection activities.
1217

1218 The PD(s)/PI(s) will have the primary responsibility for:

- 1219 • Retaining custody of and exercising primary rights to the data and software developed
1220 under these awards, subject to Government rights of access consistent with current DHHS,
1221 PHS, and CDC policies.
- 1222 • Designing and conducting research to address the described research objectives of this
1223 cooperative agreement.
- 1224 • Partnering effectively with any outside entities expected to participate in the proposed
1225 research. Such partnerships should be well-defined and documented, detailing the nature
1226 and extent of involvement.
- 1227 • Establishing goals and objectives that are realistic, measureable, and time-oriented for all
1228 phases of the project.
- 1229 • Developing a research protocol involving human subjects for Institutional Review Board
1230 (IRB) review and approval by all cooperating institutions participating in the research
1231 project, including CDC if applicable.
- 1232 • Assuring that IRB approvals are current for research involving human subjects for all
1233 participating sites.

- 1234 • Considering input from CDC on the design and implementation of research and the analysis,
1235 interpretation, and dissemination of study findings.
- 1236 • Developing, designing, and piloting research protocols and instruments; recruiting
1237 participants; and conducting appropriate data management procedures.
- 1238 • Analyzing data and disseminating findings in peer-reviewed journals and presentations at
1239 scientific conferences and other meetings.
- 1240 • Requesting consultation and technical assistance from CDC, as needed.
- 1241 • Collaborating with CDC in translating and disseminating research findings.
- 1242 • Participating in one reverse site visit with CDC in Atlanta on an annual basis.

1243
1244

1245 CDC staff will work collaboratively with the PI(s)/PD(s), as described below:

- 1246 • Providing input, as requested by the awardee, in designing research protocols (e.g., for
1247 sampling, recruitment, assessment, and data management), and participating in analysis,
1248 interpretation, and dissemination of study findings.
- 1249 • Collaborating with the grantee to ensure human subjects assurances are in place as needed.
1250 As necessary, collaborating in the development or amendment of a research protocol
1251 involving human subjects for Institutional Review Board (IRB) review by all collaborating
1252 institutions, including CDC if applicable.
- 1253 • Obtaining IRB approvals as required by CDC when CDC is engaged in research involving
1254 human subjects. If applicable, the CDC IRB will review the protocol initially and on an annual
1255 basis until the project is complete.
- 1256 • Monitoring and evaluating the scientific and operational accomplishments of the project
1257 through conference calls, site visits, and review of technical reports.
- 1258 • Additionally, an agency scientific program official or CIO program director will be
1259 responsible for the normal scientific and programmatic stewardship of the award and will
1260 be named in the award notice.

1261

1262 Areas of Joint Responsibility include:

1263 None; all responsibilities are divided between awardees and CDC staff as described above.

1264

1265 **4. Reporting**

1266 Awardees will be required to submit the [Non-Competing Continuation Grant Progress Report](#)
1267 [\(PHS 2590\)](#) annually and financial statements as required in the HHS Grants Policy Statement.

1268

1269 A final progress report, invention statement, equipment inventory list and the expenditure data
1270 portion of the Federal Financial Report are required for closeout of an award, as described in
1271 the HHS Grants Policy Statement.

1272

1273 Although the financial plans of the HHS/CDC CIO(s) provide support for this program, awards
1274 pursuant to this funding opportunity depend upon the availability of funds, evidence of
1275 satisfactory progress by the recipient (as documented in required reports) and the
1276 determination that continued funding is in the best interest of the Federal government.

1277

1278 The Federal Funding Accountability and Transparency Act of 2006 (Transparency Act), includes
1279 a requirement for awardees of Federal grants to report information about first-tier subawards
1280 and executive compensation under Federal assistance awards issued in FY2011 or later.
1281 Compliance with this law is primarily the responsibility of the Federal agency. However, two
1282 elements of the law require information to be collected and reported by recipients: **1)**
1283 **information on executive compensation when not already reported through the Central**
1284 **Contractor Registry; and 2) similar information on all sub-awards/subcontracts/consortiums**
1285 **over \$25,000.** It is a requirement for awardees of Federal grants to report information about
1286 first-tier subawards and executive compensation under Federal assistance awards issued in
1287 FY2011 or later. All awardees of applicable CDC grants and cooperative agreements are
1288 required to report to the Federal Subaward Reporting System (FSRS) available at www.fsr.gov
1289 on all subawards over \$25,000. See the HHS Grants Policy Statement
1290 (<http://dhhs.gov/asfr/ogapa/grantinformation/hhsgps107.pdf>) for additional information on
1291 this reporting requirement.

1292

1293 **A. Submission of Reports**

1294 The Recipient Organization must provide HHS/CDC with an original, plus one hard copy of the
1295 following reports:

1296

1297 **1. Yearly Non-Competing Grant Progress Report**, (use form PHS 2590, posted on the
1298 HHS/CDC website, <http://www.cdc.gov/od/pgo/funding/forms.htm> and at
1299 <http://grants.nih.gov/grants/funding/2590/2590.htm>, **is due 90 to 120 days prior to**
1300 **the end of the current budget period.** The progress report will serve as the non-
1301 competing continuation application. Although the financial plans of the HHS/CDC
1302 CIO(s) provide support for this program, awards pursuant to this funding opportunity
1303 are contingent upon the availability of funds, evidence of satisfactory progress by the
1304 recipient (as documented in required reports) and the determination that continued
1305 funding is in the best interest of the Federal government.

1306 **2. Annual Federal Financial Report (FFR) SF 425** is required and must be submitted
1307 through eRA Commons **within 90 days after the end of each budget period.**

1308 **3. A final progress report**, invention statement, equipment/inventory report, and the
1309 expenditure data portion of the Federal Financial Report (FFR) Standard Form ("SF")
1310 425 Form are required **within 90 days of the end of the project period.**

1311

1312 **B. Content of Reports**

1313 **1. Yearly Non-Competing Grant Progress Report:** The grantee's continuation
1314 application/progress report should include:

1315 • Description of Progress during Annual Budget Period: Current Budget Period
1316 Progress reported on the PHS 2590

1317 (<http://grants1.nih.gov/grants/funding/2590/2590.htm>)

1318 <http://grants.nih.gov/grants/funding/2590/2590.htm>: Detailed narrative report for
1319 the current budget period that directly addresses progress towards the Measures of
1320 Effectiveness included in the current budget period proposal.

1321

- 1322
- 1323
- 1324
- 1325
- 1326
- 1327
- 1328
- 1329
- 1330
- 1331
- 1332
- 1333
- 1334
- 1335
- 1336
- 1337
- 1338
- 1339
- 1340
- 1341
- 1342
- 1343
- 1344
- 1345
- 1346
- 1347
- 1348
- 1349
- 1350
- 1351
- 1352
- 1353
- 1354
- 1355
- 1356
- 1357
- 1358
- 1359
- 1360
- 1361
- 1362
- 1363
- 1364
- Research Aims: list each research aim/project
 - a) Research Aim/Project: purpose, status (met, ongoing, and unmet), challenges, successes, and lessons learned
 - b) Leadership/Partnership: list project collaborations and describe the role of external partners.
 - Translation of Research (1 page maximum). When relevant to the goals of the research project, the PI should describe how the significant findings may be used to promote, enhance, or advance translation of the research to policy or practice. This section should be understandable to a variety of audiences, including policy makers, practitioners, public health programs, healthcare institutions, professional organizations, community groups, researchers, and other potential users. The PI should identify the research findings that were translated into public health policy or practice and how the findings have been or may be adopted in public health settings. Or, if they cannot be applied yet, this section should address which research findings may be translated, how these findings can guide future research or related activities, and recommendations for translation. If relevant, describe how the results of this project could be generalized to populations and communities outside of the study. *Questions to consider in preparing this section include:*
 - How will the scientific findings be translated into public health policy or practice?
 - How will the project improve or effect the translation of research findings into policy or practice?
 - How will the research findings help promote or accelerate the dissemination, implementation, or diffusion of improvements in public health programs or practices?
 - How will the findings advance or guide future research efforts or related activities?
 - Public Health Relevance and Impact (1 page maximum). This section should address improvements in public health as measured by documented or anticipated outcomes from the project. The PI should consider how the findings of the project relate beyond the immediate study to improved practices, prevention or intervention techniques, policy, or use of technology in public health. *Questions to consider in preparing this section include:*
 - How will this project lead to improvements in public health?
 - How will the findings, results, or recommendations been used to influence

- 1365 practices, procedures, methodologies, etc.?
1366
1367 – How will the findings, results, or recommendations contribute to
1368 documented or projected reductions in morbidity, mortality, injury,
1369 disability, or disease?
1370
- 1371 • Current Budget Period Financial Progress: Status of obligation of current budget
1372 period funds and an estimate of unobligated funds projected provided on an
1373 estimated FFR.
1374
 - 1375 • New Budget Period Proposal:
1376
 - 1377 – Detailed operational plan for continuing activities in the upcoming budget
1378 period, including updated Measures of Effectiveness for evaluating progress
1379 during the upcoming budget period. Report listed by Research Aim/Project.
1380
 - 1381 – Project Timeline: Include planned milestones for the upcoming year (be
1382 specific and provide deadlines).
1383
 - 1384 • New Budget Period Budget: Detailed line-item budget and budget justification for
1385 the new budget period. Use the CDC budget guideline format.
1386
 - 1387 • Publications/Presentations: Include publications/presentations resulting from this
1388 CDC cooperative agreement only during this budget period. If no publication or
1389 presentations have been made at this stage in the project, simply indicate “Not
1390 applicable: No publications or presentations have been made.
1391
 - 1392 • IRB Approval Certification: Include all current IRB approvals to avoid a funding
1393 restriction on your award. If the research does not involve human subjects, then
1394 please state so. Please provide a copy of the most recent local IRB and CDC IRB, if
1395 applicable. If any approval is still pending at time of APR due date, indicate the
1396 status in your narrative.
1397

1398 2. Annual Federal Financial Reporting

1399 The Annual Federal Financial Report (FFR) SF 425 is required and must be submitted
1400 through eRA Commons within 90 days after the end of each budget period. The FFR
1401 should only include those funds authorized and disbursed during the timeframe covered
1402 by the report. The final FFR must indicate the exact balance of unobligated funds and
1403 may not reflect any unliquidated obligations. There must be no discrepancies between
1404 the final FFR expenditure data and the Payment Management System's (PMS) cash
1405 transaction data.
1406

1407 Failure to submit the required information in a timely manner may adversely affect the
1408 future funding of this project. If the information cannot be provided by the due date,
1409 you are required to submit a letter explaining the reason and date by which the Grants
1410 Officer will receive the information. **All CDC Financial Expenditure data due on/after**
1411 **October 1, 2012 must be submitted using the FFR via the eFSR/FFR system in the eRA**
1412 **Commons.** All Federal Reporting in the Payment Management System is unchanged. All
1413 new submissions should be prepared and submitted as FFRs.

1414
1415 CDC's implementation of the FFR retains a financial reporting period that coincides with
1416 the budget period of a particular project. However, **the due date for annual FFRs will**
1417 **be 90 days after the end of the calendar quarter in which the budget period ends.**
1418 Note that this is a change in due dates of annual FFRs and may provide up to 60
1419 additional days to report, depending upon when the budget period end date falls within
1420 a calendar quarter. For example, if the budget period ends 1/30/2012, the annual FFR is
1421 due 6/30/2012 (90 days after the end of the calendar quarter of 3/31/2012). Due dates
1422 of final reports will remain unchanged. The due date for final FFRs will continue to be
1423 90 days after the project period end date.

1424
1425 Grantees must submit closeout reports in a timely manner. Unless the Grants
1426 Management Officer (GMO) of the awarding Institute or Center approves an extension,
1427 grantees must submit a final FFR, final progress report, and Final Invention Statement
1428 and Certification within 90 days of the end of grant period. Failure to submit timely and
1429 accurate final reports may affect future funding to the organization or awards under the
1430 direction of the same Project Director/Principal Investigator (PD/PI).

1431
1432 FFR (SF 425) instructions for CDC grantees are now available at
1433 <http://grants.nih.gov/grants/forms.htm>. For further information, contact
1434 GrantsInfo@nih.gov. Additional resources concerning the eFSR/FFR system, including a
1435 User Guide and an on-line demonstration, can be found on the eRA Commons Support
1436 Page: <http://www.cdc.gov/od/pgo/funding/grants/eramain.shtm>.

1437
1438 FFR Submission: The submission of FFRs to CDC will require organizations to register
1439 with eRA Commons (Commons) (<https://commons.era.nih.gov/commons/>). CDC
1440 recommends that this one time registration process be completed at least 2 weeks prior
1441 to the submittal date of a FFR submission.

1442
1443 Organizations may verify their current registration status by running the "List of
1444 Commons Registered Organizations" query found at: <http://era.nih.gov/commons/>.
1445 Organizations not yet registered can go to
1446 <https://commons.era.nih.gov/commons/registration/registrationInstructions.jsp> for
1447 instructions. It generally takes several days to complete this registration process. This
1448 registration is independent of Grants.gov and may be done at any time.

1449

1450 The individual designated as the PI on the application must also be registered in the
1451 Commons. The PI must hold a PI account and be affiliated with the applicant
1452 organization. This registration must be done by an organizational official or their
1453 delegate who is already registered in the Commons. To register PIs in the Commons,
1454 refer to the eRA Commons User Guide found at:
1455 <http://era.nih.gov/commons/index.cfm>.

- 1456
- 1457 **3. Final Reports:** Final reports should provide sufficient detail for CDC to determine if the
1458 stated outcomes for the funded research have been achieved and if the research
1459 findings resulted in public health impact based on the investment. The grantee’s final
1460 report should include:
- 1461
- 1462 • **Research Aim/Project Overview:** The PI should describe the purpose and approach
1463 to the project, including the outcomes, methodology and related analyses. Include a
1464 discussion of the challenges, successes and lessons learned. Describe the
1465 collaborations/partnerships and the role of each external partner.
 - 1466
 - 1467 • **Translation of Research Findings:** The PI should describe how the findings will be
1468 translated and how they will be used to promote, enhance or advance the research
1469 findings and the impact on public health policy and practice. This section should be
1470 understandable to a variety of audiences, including policy makers, practitioners,
1471 public health programs, healthcare institutions, professional organizations,
1472 community groups, researchers and other potential end users. The PI should also
1473 provide a discussion of any research findings that influenced policy or practice
1474 during the course of the project period. If applicable, describe how the findings
1475 could be generalized and scaled to populations and communities outside of the
1476 funded project.
 - 1477
 - 1478 • **Public Health Relevance and Impact:** This section should address improvements in
1479 public health as measured by documented or anticipated outcomes from the
1480 project. The PI should consider how the findings of the project related beyond the
1481 immediate study to improved practices, prevention or intervention techniques,
1482 policy, technology or systems improvement in public health.
 - 1483
 - 1484 • **Publications; Presentations; Media Coverage:** Include information regarding all
1485 publications, presentations or media coverage resulting from this CDC funded
1486 activity. Please include any additional dissemination efforts that did or will result
1487 from the project.
 - 1488
 - 1489

1490 **Section VII. Agency Contacts**

1491 We encourage inquiries concerning this funding opportunity and welcome the opportunity to
1492 answer questions from potential applicants.

1493
1494 **Application Submission Contacts**
1495 [Grants.gov Customer Support](#) (Questions regarding Grants.gov registration and submission,
1496 downloading or navigating forms)
1497 Contact Center Phone: 800-518-4726
1498 Email: support@grants.gov
1499 Hours: 24 hours a day, 7 days a week; closed on Federal holidays
1500
1501 [eRA Commons Help Desk](#) (Questions regarding eRA Commons registration, tracking application
1502 status, post submission issues, FFR submission)
1503 Phone: 301-402-7469 or 866-504-9552 (Toll Free)
1504 TTY: 301-451-5939
1505 Email: commons@od.nih.gov
1506 Hours: Monday - Friday, 7am - 8pm U.S. Eastern Time
1507
1508 CDC Technical Information Management Section (TIMS)
1509 Procurement and Grants Office
1510 Telephone 770-488-2700
1511 Email: PGOTIM@cdc.gov
1512 Hours: Monday - Friday, 7am – 4:30pm U.S. Eastern Standard Time
1513
1514 **Scientific/Research Contact(s)**
1515 Donald Blackman
1516 Scientific Program Officer
1517 National Center for Injury Prevention and Control (NCIPC)
1518 Centers for Disease Control and Prevention (CDC)
1519 Telephone: 770-488-0641
1520 Email: dblackman@cdc.gov
1521
1522 **Peer Review Contact(s)**
1523 Jane Suen, DrPH
1524 Scientific Review Officer
1525 National Center for Injury Prevention and Control
1526 Telephone: 770-488-4281
1527 FAX: 770-488-4422
1528 Email: jxs8@cdc.gov
1529
1530 **Financial/Grants Management Contact(s)**
1531 Corey Taylor, Grants Management Specialist
1532 CDC Procurement and Grants Office (PGO)
1533 Telephone: 770-488-2730
1534 Fax: 770-488-2670
1535 Email: CTaylor8@cdc.gov

1536 **Section VIII. Other Information**

1537 All awards are subject to the terms and conditions, cost principles, and other considerations
1538 described in the HHS Grants Policy Statement.

1539

1540 **Authority and Regulations**

1541 This program is authorized under Section 301 (a) [42 U.S.C 241(a)] of the Public Health Services
1542 Act, and Section 391(a) [42 U.S.C 280 b (a)] of the Public Health Services Act, as amended

1543

1544