

Program Announcement

for the

Defense Health Program

Defense Medical Research and Development Program

Department of Defense

Congressionally Directed Medical Research Programs

Duchenne Muscular Dystrophy Research Program

Investigator-Initiated Research Award

Funding Opportunity Number: W81XWH-14-DMDRP-IIRA

Catalog of Federal Domestic Assistance Number: 12.420

SUBMISSION AND REVIEW DATES AND TIMES

- **Pre-Application Deadline:** 5:00 p.m. Eastern time (ET), July 16, 2014
- **Invitation to Submit an Application:** August 2014
- **Application Submission Deadline:** 11:59 p.m. ET, October 22, 2014
- **End of Application Verification Period:** 5:00 p.m. ET, October 27, 2014
- **Peer Review:** January 2015
- **Programmatic Review:** February 2015

Change for Fiscal Year 2014: The CDMRP eReceipt System has been replaced with the electronic Biomedical Research Application Portal (eBRAP). Principal Investigators and organizational representatives should register in eBRAP as soon as possible. All pre-applications must be submitted through eBRAP. In addition, applications submitted through Grants.gov will now be available for viewing, modification, and verification in eBRAP prior to the end of the application verification period.

This Program Announcement/Funding Opportunity is one of two documents with instructions to prepare and submit an application for this funding opportunity. The second document, the General Application Instructions, is available for downloading from Grants.gov.

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I. FUNDING OPPORTUNITY DESCRIPTION

A. Program Description

Applications to the Fiscal Year 2014 (FY14) Duchenne Muscular Dystrophy Research Program (DMDRP) are being solicited for the Assistant Secretary of Defense for Health Affairs, Defense Health Program (DHP), by the U.S. Army Medical Research Acquisitions Activity (USAMRAA). The DMDRP was initiated in 2011 to provide support for research of exceptional scientific merit and to promote the understanding, diagnosis, and treatment of DMD. Appropriations for the DMDRP from FY11 through FY13 totaled \$10.4 million (M). The FY14 appropriation is \$3.2M.

The vision of the FY14 DMDRP is to extend and improve the function, quality of life, and lifespan for all individuals diagnosed with DMD. As such, the DMDRP is seeking to better support the development of drugs, devices, and other interventions and promote their effective clinical testing.

B. FY14 DMDRP Focus Areas

All applications for the FY14 DMDRP funding opportunities *must* address at least one of the following focus areas:

- Discovery and qualification of pharmacodynamic, prognostic, and predictive biomarkers, e.g., as drug development tools, indicators of disease progression, response to treatment, or clinical trial outcomes (see [Section I.C, Biomarker Studies](#), for further description).
- Assessment of clinical trial outcomes (invasive and noninvasive methods), such as:
 - Molecular, functional, imaging, etc.
 - Evaluating surrogate markers
 - Evaluating potential composite scores for outcomes assessment
 - Patient-centered outcomes, e.g., quality of life, activities of daily living
- Extension or expansion of preclinical translational data in support of the therapeutic development path (including independent replication and comparative studies)
- Novel interventions that could improve clinical care and quality of life in the near term

C. Award Information

The DMDRP Investigator-Initiated Research Award (IIRA) mechanism was first offered in FY11. Since then, 51 Investigator-Initiated Research Award applications have been received, and 10 have been recommended for funding.

The DMDRP IIRA supports translational research that will accelerate the movement of promising ideas in DMD into clinical applications. Translational research may be defined as an integration of basic science and clinical observations with the specific goal of developing new therapies. While the ultimate goal of translational research is to move an observation forward

into clinical application, translational research is most effective as a two-way continuum between the bench and the bedside. Within this continuum, the IIRA supports mid-stage or later translational research projects, including early-phase, proof-of-principle clinical trials and correlative studies to better inform the development of drugs, devices, and other interventions. Research projects may also include preclinical studies utilizing animal models, human subjects, or human anatomical substances.

Studies proposed under this award ***should not include:***

- Target discovery
- Drug screening
- Mechanism of action studies
- Hypothesis-driven pathophysiology studies

Biomarker Studies (New for FY14)

For projects addressing the focus area of “discovery and qualification of pharmacodynamic, prognostic, and predictive biomarkers,” a ***biological marker***, or ***biomarker***, is defined as a characteristic that is objectively measured and evaluated as an indicator of normal biologic processes, pathogenic processes, or biological responses to a therapeutic intervention.¹ For the purpose of this award, **biomarker qualification** is defined as the evidentiary fit-for-purpose process of correlating a biomarker with the effects of an agent on biological processes and clinical endpoints.² Alternatively, **biomarker validation** refers to the process of ensuring that a biomarker or technology (e.g., imaging) will be accurately and reliably measured through the performance characteristics of a biomarker assay.³ The DMDRP encourages the study of biomarkers that can be detected through minimally invasive procedures (e.g., blood, urine, tissue, imaging, etc.). Examples of biomarkers may include signatures of genetic or epigenetic changes, specifically expressed genes, proteins, or metabolites, and molecular, physiological, and/or imaging entities, among others.

Candidate Biomarker(s) and Evaluation: Applications proposing biomarker qualification and/or validation studies should include a clear description of the candidate biomarker(s) to be studied. Applications must include relevant preliminary data from pilot testing that demonstrate the suitability of the biomarker(s) for further testing toward clinical application. Sufficient detail must be provided to demonstrate how the biomarker(s) will be qualified or validated, including the approaches that will be applied to establish feasibility, reliability, and reproducibility, and the criteria that will provide the evidence for evaluating the biomarkers. These criteria may include, but are not limited to:

¹ Biomarkers Definitions Working Group. 2001. Biomarkers and surrogate endpoints: Preferred definitions and conceptual framework. *Clinical Pharmacology and Therapeutics* 69:89-95.

² Wagner JA, Williams SA, and Webster CJ. 2007. Biomarkers and surrogate end points for fit-for-purpose development and regulatory evaluation of new drugs. *Clinical Pharmacology and Therapeutics* 81:104-107.

³ Sistare FD, Dieterle F, Troth S, et al. 2010. Towards consensus practices to qualify safety biomarkers for use in early drug development. *Nature Biotechnology* 28:446-454.

- Improved performance relative to current, clinically accepted biomarkers;
- Biological association of the biomarker(s) with Duchenne muscular dystrophy (e.g., muscle damage/fibrosis, cardiomyopathy, etc.);
- Strength of association of changes in biomarker levels with pathological/clinical outcomes;
- Availability of a robust analytical assay to reliably and reproducibly assess the validity of the biomarker's association with Duchenne muscular dystrophy or clinical outcomes;
- Evidence that a biomarker is a reliable indicator of target engagement, to support the decision making process in clinical trials.

In addition, applications must be consistent with current U.S. Food and Drug Administration (FDA) guidance for biomarker qualification. Useful information can be found online at the following:

FDA Biomarker Qualification Process:

- <http://www.fda.gov/Drugs/DevelopmentApprovalProcess/DrugDevelopmentToolsQualificationProgram/ucm284621.htm>
- <http://www.fda.gov/Drugs/DevelopmentApprovalProcess/DrugDevelopmentToolsQualificationProgram/ucm284076.htm>
- <http://www.c-path.org/pdf/FDADraftDDTools.pdf>

FDA Office of in Vitro Diagnostic Device Evaluation and Safety:

- <http://www.fda.gov/AboutFDA/CentersOffices/OfficeofMedicalProductsandTobacco/CDRH/CDRHOices/ucm115904.htm>

Applications must include preliminary data that is relevant to DMD and the proposed project. Clinical trials are supported by this award mechanism and, if proposed, require the submission of Attachment 11, Human Subject Recruitment and Safety Procedures.

Optional Features: The IIRA mechanism allows for the inclusion of the following options, which would allow the applicant to request additional funds as described in [Section I.E., Funding](#). An application may include both optional features. The Government reserves the right to fund an application at a lower funding level if it does not meet the eligibility criteria or intent of the optional feature(s).

Optional Qualified Collaborator: The FY14 DMDRP strongly supports collaborative research between basic scientists and clinical researchers, and between academic scientists and biotechnology/pharmaceutical industry scientists. Collaborations that bring new perspectives from other disciplines, or bring new investigators into the DMD field, are also strongly encouraged.

The Principal Investigator (PI) must submit a Statement of Collaboration that clearly identifies the proposed collaborator, describes the collaboration, and addresses how each of the criteria below are met. In addition, the collaborator must provide a letter of collaboration describing

his/her involvement in the proposed work. It should be clear from both documents that the success of the project depends on the unique skills and contributions of both the PI and the qualified collaborator.

- The collaborator must significantly contribute to the project such that the proposed work could not be accomplished without his/her involvement. This is expected to include both intellectual input and research resources.
 - A proposed project in which the collaborator merely supplies tissue samples or access to patients will *not* meet the intent and will *not* be qualified for the higher level of funding.
 - At least a 10% level of effort is required of the collaborator. Contributions of the collaborator should be reflected in the application's budget.
- The collaborator must be at or above the level of Assistant Professor (or equivalent).

Funding for an Optional Qualified Collaborator can be requested for an additional \$150,000 plus indirect costs. ***Only one Optional Qualified Collaborator may be requested per application.***

Optional Nested Resident or Medical Student Traineeship: A Nested Resident or Medical Student Traineeship is being offered as an optional part of the IIRA. The intent of the Nested Resident or Medical Student Traineeship is to provide mentored research opportunities in DMD. It is expected that the training will provide a valuable opportunity to develop the experience necessary to advance the trainee's research career in DMD.

Funding for a Nested Resident or Medical Student Traineeship can be requested for an additional maximum of \$75,000 for a resident or \$55,000 for a medical student (M.D. or M.D./Ph.D.), inclusive of direct and indirect costs over a 1-year period of performance. The 1-year traineeship may occur during any 1 year of the 3-year period of performance. ***Only one traineeship may be requested per application. Plans for training and mentorship must be well developed and clearly described by the PI for the IIRA.***

New for FY14

All projects should adhere to a core set of standards for rigorous study design and reporting to maximize the reproducibility and translational potential of preclinical research. The standards are described in Landis, S. C., et al. A call for transparent reporting to optimize the predictive value of preclinical research, *Nature* 2012, 490:187-191 (<http://www.nature.com/nature/journal/v490/n7419/full/nature11556.html>). While these standards are written for preclinical studies, the basic principles of randomization, blinding, sample-size estimation, and data handling derive from well-established best practices in clinical studies. Projects that include research on animal models are required to submit Attachment 10, Animal Research Plan, as part of the application package to describe how these standards will be addressed. Applicants should consult the ARRIVE (Animal Research: Reporting In Vivo Experiments) guidelines to ensure relevant aspects of rigorous animal research are adequately planned for and, ultimately, reported. The ARRIVE guidelines can be found at <http://www.nc3rs.org.uk/page.asp?id=1357>.

Use of Human Anatomical Substances, Human Subjects, or Human Cadavers: All Department of Defense (DoD)-funded research involving new and ongoing research with human anatomical substances, human subjects, or human cadavers must be reviewed and approved by the U.S. Army Medical Research and Materiel Command (USAMRMC) Office of Research Protections (ORP), Human Research Protection Office (HRPO), in addition to the local Institutional Review Board (IRB) of record. Local IRB approval at the time of submission is *not* required. The HRPO is mandated to comply with specific laws and requirements governing all research involving human anatomical substances, human subjects, or human cadavers that is supported by the DoD. These laws and requirements will necessitate information in addition to that supplied to the IRB. Allow a minimum of 2 to 3 months for HRPO regulatory review and approval processes. Refer to the General Application Instructions, Appendix 6, for additional information.

The Congressionally Directed Medical Research Programs (CDMRP) intends that data and research resources generated under awards funded by this Program Announcement/Funding Opportunity be made available to the research community (which includes both scientific and consumer advocacy communities) and to the public at large. For additional guidance, refer to the General Application Instructions, Appendix 4, Section L.

D. Eligibility Information

- The PI must be *at or above* the level of Assistant Professor (or equivalent).
- An Optional Qualified Collaborator must be *at or above* the level of Assistant Professor (or equivalent).
- Optional Nested Resident or Medical Student Traineeship: By the time of the application submission deadline, the resident trainee must be enrolled in an accredited residency program, or the medical student trainee must be enrolled in a nationally accredited (or equivalent) medical school. The trainee must be able to devote a minimum of 40% level of effort to this project for the 1-year period of performance of the traineeship.
- Cost sharing/matching is not an eligibility requirement.
- Eligible investigators must apply through an organization. Organizations eligible to apply include national, international, for-profit, non-profit, public, and private organizations.
- Refer to the General Application Instructions, Appendix 1, for general eligibility information.

E. Funding

- The maximum period of performance is **3** years.
- The maximum allowable direct costs for the entire period of performance are **\$525,000** plus indirect costs. If requesting an Optional Qualified Collaborator, the maximum allowable direct costs for the entire period of performance are **\$675,000** plus indirect costs.

- Additional funds may be requested for an optional traineeship:
 - If requesting an Optional Nested Resident Traineeship, the maximum allowable total costs (direct and indirect) are \$75,000 for a 1-year period of performance, or
 - If requesting an Optional Nested Medical Student Traineeship, the maximum allowable total costs (direct and indirect) are \$55,000 for a 1-year period of performance.
 - Only one traineeship may be requested per application.
- All direct and indirect costs of any subaward (subgrant or subcontract) must be included in the total direct costs of the primary award.
- The applicant may request the entire maximum funding amount for a project that may have a period of performance less than the maximum **3** years.
- Regardless of the period of performance proposed, the applicant may not exceed the maximum allowable direct costs. Indirect costs shall be proposed in accordance with the organization's negotiated rate agreement.
- Any application that requests the higher level of funding and that does not include or meet requirements for an Optional Qualified Collaborator or Optional Traineeship will have its budget reduced as appropriate.

Refer to the General Application Instructions, Section II.C.4., for budget regulations and instructions for the Research & Related Budget. ***For all federal agencies or organizations collaborating with federal agencies, budget restrictions apply as are noted in Section II.C.4. of the General Application Instructions.***

For this award mechanism, direct costs:

May be requested for (not all-inclusive):

- Salary
- Research supplies
- Equipment
- Clinical research costs
- Support for multidisciplinary collaborations
- Travel between collaborating organizations
- Travel costs of up to \$1,800 per year to attend scientific/technical meetings

Intramural (DoD), other federal agency, and extramural investigators are encouraged to apply to this Program Announcement/Funding Opportunity. An intramural investigator is defined as a DoD military or civilian employee working within a DoD laboratory or medical treatment facility, or working in a DoD activity embedded within a civilian medical center. Intramural applicants and collaborators are reminded to coordinate receipt and commitment of funds through their respective resource managers. It is permissible for an intramural investigator to be named as a collaborator on an application submitted by an extramural investigator. ***In such***

cases, the extramural investigator must include a letter from the intramural collaborator's Commander or Commanding Officer that authorizes the involvement of the intramural collaborator.

As required of all applicants to this Program Announcement/Funding Opportunity, if PIs from federal agencies submit applications, they must submit through Grants.gov. Therefore, federal applicants must be familiar with Grants.gov requirements, including the need for an active System for Award Management (SAM) registration and a Data Universal Numbering System (DUNS) number. Refer to Appendix 3 of the General Application Instructions for further information regarding Grants.gov requirements.

Awards to extramural organizations will consist solely of assistance agreements (Cooperative Agreements and Grants). Awards to intramural agencies and other federal agencies will be executed through the Military Interdepartmental Purchase Request (MIPR) or Funding Authorization Document (FAD) process. Direct transfer of funds from the recipient to a federal agency is not allowed except under very limited circumstances. Refer to the General Application Instructions, Section II.C.4. Research & Related Budget, for additional information on budget considerations for applications involving federal agencies.

The CDMRP expects to allot approximately \$2.16M of the \$3.2M of the FY14 DMDRP appropriation to fund approximately two Investigator-Initiated Research Award applications, depending on the quality and number of applications received. Funding of applications received in response to this Program Announcement/Funding Opportunity is contingent upon the availability of federal funds for this program.

II. SUBMISSION INFORMATION

Submission is a two-step process requiring both (1) pre-application submission through the electronic Biomedical Research Application Portal (eBRAP) (<https://eBRAP.org/>) and (2) application submission through Grants.gov (<http://www.grants.gov/>).

New for FY14: *The CDMRP has replaced its eReceipt System with eBRAP.* Submission remains a two-step process requiring both pre-application and application submission.

PIs must be registered in eBRAP in order to submit a pre-application and receive notification of the status of a pre-application or application. A key feature of eBRAP is that an organization's representatives and PIs are able to view and modify the Grants.gov application submissions associated with them, but only if the organization, Business Officials, and PIs are registered and affiliated to the organization in eBRAP (see *eBRAP User Guide* at <https://eBRAP.org/eBRAP/public/UserGuide.pdf>). Upon completion of an organization's registration in eBRAP and approval by the CDMRP Help Desk, the organization name will be displayed in eBRAP to assist the organization's business officials and PIs as they register.

Note: Submission of either the pre-application to eBRAP or application to Grants.gov does not require registering an organization and affiliating its Business Officials and PIs in eBRAP; however, the ability to view and modify the Grants.gov application in eBRAP is contingent upon the registration and affiliation. ***Application viewing, modification, and verification in eBRAP is***

strongly recommended, but not required. The Project Narrative and Budget cannot be changed after the application submission deadline. Any other application component cannot be changed after the end of the application verification period. If verification is not completed by the end of the application verification period, the application will be reviewed as submitted through Grants.gov, provided there is no cause for administrative rejection of the application (see [Section IV.A., Rejection](#)).

Submission of applications that are essentially identical or propose essentially the same research project to different funding opportunities within the same program and fiscal year is prohibited and will result in administrative withdrawal of the duplicative application.

A. Where to Obtain the Application Package

To obtain the complete application package, including all required forms, perform a Grants.gov (<http://www.grants.gov/>) basic search using the Funding Opportunity Number: W81XWH-14-DMDRP-IIRA.

B. Pre-Application Submission and Content Form

All pre-application components must be submitted by the PI through eBRAP (<https://eBRAP.org/>). Because the invitation to submit an application is based on the contents of the pre-application, investigators should not change the title or research objectives after the pre-application is submitted.

PIs and organizations identified in the pre-application should be the same as those intended for the subsequent application submission. If any changes are necessary after submission of the pre-application, the PI must contact the CDMRP Help Desk at help@eBRAP.org or 301-682-5507. A change in PI or organization after submission of the pre-application will be allowed only at the discretion of the USAMRAA Contracting/Grants Officer.

The pre-application consists of the following components, which are organized in eBRAP by separate tabs (refer to the General Application Instructions, Section II.B., for additional information on pre-application submission):

- **Application Information – Tab 1**

- **Application Contacts – Tab 2**

It is recommended that PIs identify an Alternate Submitter in the event that assistance with pre-application submission is needed.

- **Collaborators and Conflicts of Interest (COI) – Tab 3**

FY14 DMDRP Integration Panel (IP) members should not be involved in any pre-application or application. For questions related to IP members and pre-applications or applications, refer to [Section IV.C., Withdrawal](#), or contact the CDMRP Help Desk at help@eBRAP.org or 301-682-5507.

- **Required Files – Tab 4**

Notes: Upload document(s) as individual PDF files unless otherwise noted. eBRAP will not allow a file to be uploaded if the number of pages exceeds the limit specified below.

Preproposal Narrative (three-page limit): The Preproposal Narrative page limit applies to text and non-text elements (e.g., figures, tables, graphs, photographs, diagrams, chemical structures, drawings, etc.) used to describe the project. Inclusion of URLs that provide additional information to expand the Preproposal Narrative and could confer an unfair competitive advantage is prohibited and may result in administrative withdrawal of the pre-application.

The Preproposal Narrative should include the following:

- **Research:** State what focus area(s) the project addresses, the project’s hypothesis/objective, rationale, specific aims, and study design.
- **Impact:** Describe how the proposed research will have an impact on improving the function, quality of life, and/or lifespan for all individuals diagnosed with DMD.
- **Personnel:** Briefly state the qualifications of the PI and key personnel to perform the described research project. If an Optional Qualified Collaborator is included, describe how the project depends on the unique skills and resources of the collaborator.

Pre-Application Supporting Documentation: The items to be included as supporting documentation for the pre-application *must be uploaded as individual documents* and are limited to:

- **References Cited (one-page limit):** List the references cited (including URLs if available) in the Preproposal Narrative using a standard reference format that includes the full citation (i.e., author[s], year published, title of reference, source of reference, volume, chapter, page numbers, and publisher, as appropriate).
- **List of Abbreviations, Acronyms, and Symbols:** Provide a list of abbreviations, acronyms, and symbols used in the Preproposal Narrative.
- **Key Personnel Biographical Sketches (two-page limit per individual):** Include biographical sketches for the PI and other key collaborators. All biosketches should be combined into one PDF file for upload.

- **Submit Pre-Application – Tab 5**

This tab must be completed for the pre-application to be accepted and processed.

Pre-Application Screening

- **Pre-Application Screening Criteria**

To determine the technical merits of the pre-application and the relevance to the mission of the DHP and the DMDRP, pre-applications will be screened based on the following criteria:

- **Research:** To what degree the experimental approach for accomplishing the specific aims is feasible and addresses the hypothesis or objective. To what extent the research project addresses at least one of the focus areas.
- **Impact:** If successful, how the study will impact the function, quality of life, and/or lifespan for all individuals diagnosed with DMD.
- **Personnel:** How the personnel’s background and expertise are appropriate to accomplish the proposed research. If an Optional Qualified Collaborator is included, how the collaborator’s background and expertise is necessary to accomplish the proposed project.
- **Notification of Pre-Application Screening Results**

Following the pre-application screening, the PI will be notified as to whether or not they are invited to submit applications; however, they will not receive feedback (e.g., a critique of strengths and weakness) on their pre-application. The estimated timeframe for notification of invitation to submit an application is indicated on the [title page](#) of this Program Announcement/Funding Opportunity.

C. Application Submission Content and Forms

Applications will not be accepted unless the PI has received notification of invitation.

Each application submission must include the completed application package of forms and attachments provided in Grants.gov for this Program Announcement/Funding Opportunity. The application package is submitted by the Authorized Organizational Representative through the Grants.gov portal (<http://www.grants.gov/>).

New for FY14: Applications submitted through and validated by Grants.gov will be retrieved and processed by eBRAP to allow for review, modification, and verification. The PI and organizational representatives will receive an email request from eBRAP to review, modify, and verify the application submitted to Grants.gov. During this verification period, the PI may upload missing files (excluding those listed in [Section IV.A., Rejection](#)), replace files, and re-categorize files. These modifications must be completed by the end of the verification period.

Note: Changes to either the Project Narrative or Budget are not allowed in eBRAP; if such changes are required, the entire application package must be submitted through Grants.gov as a “Changed/Corrected Application” with the Previous Grants.gov Tracking ID **prior to the application submission deadline (which occurs earlier than the end of the application verification period).**

Grants.gov application package components: For the Investigator-Initiated Research Award, the Grants.gov application package includes the following components (refer to the General Application Instructions, Section II.C., for additional information on application submission):

1. **SF 424 (R&R) Application for Federal Assistance Form:** Refer to the General Application Instructions, Section II.C., for detailed information.

2. Attachments Form

- **Attachment 1: Project Narrative (12-page limit):** Upload as “ProjectNarrative.pdf.” The page limit of the Project Narrative applies to text and non-text elements (e.g., figures, tables, graphs, photographs, diagrams, chemical structures, drawings, etc.) used to describe the project. Inclusion of URLs that provide additional information to expand the Project Narrative and could confer an unfair competitive advantage is prohibited and will result in administrative withdrawal of the application.

Describe the proposed project in detail using the outline below. The Project Narrative must include preliminary data that are relevant to DMD and the proposed project.

- **Background:** Present the ideas and reasoning behind the proposed research; include relevant literature citations and preliminary data that led to the development of the proposed study. Describe previous experience most pertinent to this project.
- **Hypothesis or Objective:** State the hypothesis to be tested or the objective(s) to be reached.
- **Specific Aims:** Concisely explain the project’s specific aims. If this project is part of a larger study, present only tasks that this award would fund. Identify what focus area(s) the proposed project addresses.
- **Research Strategy:** Describe the experimental design, methods, and analyses, including appropriate randomization, blinding, sample-size estimation, and controls, in sufficient detail for analysis. If applicable, describe how collaborations support the research. Address potential problem areas and present alternative methods and approaches. If animal studies will be conducted, address statistical analyses, choice of models used, and study design in Attachment 10. If human subjects or human anatomical samples will be used, include a detailed plan for the recruitment of subjects or the acquisition of samples.

If proposing a clinical trial, describe the intervention to be studied, how it will be applied, and the projected outcomes of the study. Define the study variables, describe how they will be measured, and include a description of appropriate controls and the endpoints to be tested. Document the availability and accessibility of the intervention. Include a detailed plan for the recruitment of subjects and safety procedures in Attachment 11.

- **Data and Statistical Analysis Plan:** Describe how data will be handled, collected, and analyzed in a manner that is consistent with the study objectives. If applicable, include a complete power analysis to demonstrate that the sample size is appropriate to meet the objective(s) of the study.
- **Attachment 2: Supporting Documentation.** Start each document on a new page. Combine and upload as a single file named “Support.pdf.” If documents are scanned to pdf, the lowest resolution (100 to 150 dpi) should be used. *There are no page limits for any of these components unless otherwise noted. Include only*

those components described below; inclusion of items not requested may result in the removal of those items or administrative withdrawal of the application.

- References Cited: List the references cited (including URLs if available) in the Project Narrative using a standard reference format that includes the full citation (i.e., author[s], year published, title of reference, source of reference, volume, chapter, page numbers, and publisher, as appropriate).
- List of Abbreviations, Acronyms, and Symbols: Provide a list of abbreviations, acronyms, and symbols.
- Facilities, Existing Equipment, and Other Resources: Describe the facilities and equipment available for performance of the proposed project and any additional facilities or equipment proposed for acquisition at no cost to the award. Indicate whether or not Government-furnished facilities or equipment are proposed for use. If so, reference should be made to the original or present Government award under which the facilities or equipment items are now accountable. There is no form for this information.
- Publications and/or Patent Abstracts (five-document limit): Include relevant publication URLs and/or patent abstracts. If publications are not publicly available, then a copy/copies of the published manuscript(s) must be included in Attachment 2. Extra items will not be reviewed.
- Letters of Organizational Support: Provide a letter (or letters, if applicable), signed by the Department Chair or appropriate organization official, confirming the laboratory space, equipment, and other resources available for the project.
- Letters of Collaboration (if applicable, **required for applications including an Optional Qualified Collaborator**): Provide a signed letter from each collaborating individual or organization that will demonstrate that the PI has the support or resources necessary for the proposed work.
- Statement of Eligibility (**required if requesting Nested Resident or Medical Student Traineeship**):
 - Nested Resident Trainee: Provide a Statement of Eligibility form signed by the Program Director, Chair, or equivalent that verifies the trainee is enrolled in an accredited residency training program and is able to participate at a minimum of 40% level of effort to this project for the 1-year period of performance of the traineeship.
 - Medical Student Trainee: Provide a Statement of Eligibility form signed by the Dean or equivalent that verifies the trainee is enrolled in a nationally accredited (or equivalent) medical school program and is able to participate at a minimum of 40% level of effort to this project for the 1-year period of performance of the traineeship.
- Intellectual Property
 - Background and Proprietary Information: All software and data first produced under the award are subject to a federal purpose license in accordance with applicable DoD Grant and Agreement Regulations

(DoDGAR) requirements. Provide a list of all background intellectual property to be used in the project or provide a statement that none will be used. If applicable, state and identify the proprietary information that will be provided to the Government and indicate whether the applicant will require a waiver of the federal purpose license.

- Intellectual and Material Property Plan (if applicable): Provide a plan for resolving intellectual and material property issues among participating organizations.
- Data and Research Resources Sharing Plan: Describe how data and resources generated during the performance of the project will be shared with the research community. Refer to the General Application Instructions, Appendix 4, Section L for more information about the CDMRP expectations for making data and research resources publicly available.
- **Attachment 3: Technical Abstract (one-page limit):** Upload as “TechAbs.pdf.”

The technical abstract is used by all reviewers. Of particular importance, programmatic reviewers typically do not have access to the full application and therefore rely on the technical abstract for appropriate description of the project’s key aspects. Therefore, clarity and completeness within the space limits of the technical abstract are highly important.

Technical abstracts should be written using the outline below.

- Background: Present the ideas and reasoning behind the proposed work.
- Objective/Hypothesis: State the objective/hypothesis to be tested. Provide evidence or rationale that supports the objective/hypothesis.
- Specific Aims: State the specific aims of the study and identify the focus area(s) the proposed project addresses.
- Study Design: Briefly describe the study design including appropriate controls.
- Impact: Briefly describe how the proposed project will have an impact on improving the function, quality of life, and/or lifespan for all individuals diagnosed with DMD.
- **Attachment 4: Lay Abstract (one-page limit):** Upload as “LayAbs.pdf.”

Lay abstracts should be written using the outline below. ***Do not duplicate the technical abstract.*** Minimize the use of acronyms and abbreviations, where appropriate. The lay abstract is an important component of the application review process because it addresses issues of particular interest to the consumer advocate community.

- Describe the scientific objective and rationale for the proposed project in a manner that will be ***readily understood by readers without a background in science or medicine.*** Identify the focus area(s) the proposed project addresses.
- Describe the ultimate applicability of the research.
 - What types of patients will it help, and how will it help them?

- What are the potential clinical applications, benefits, and risks? If the research is too basic for clinical applicability, describe the interim outcomes expected and their applicability to the field.
 - What is the projected time it may take to achieve a patient-related outcome?
 - What are the likely contributions of this study to advancing the field of DMD research or patient care?
- **Attachment 5: Statement of Work (SOW) (three-page limit):** Upload as “SOW.pdf.” Refer to the General Application Instructions, Section II.C.2., for detailed guidance on creating the SOW.

The suggested SOW format and examples specific to different types of research projects are available on the eBRAP “Program Announcement and Forms” web page (<https://ebrap.org/eBRAP/public/Program.htm>). For the Investigator-Initiated Research Award mechanism, use the SOW format example titled “SOW (Statement of Work) Generic Format.” The SOW must be in PDF format prior to attaching.

- **Attachment 6: Impact Statement (one-page limit):** Upload as “Impact.pdf.”

Explain in detail why the proposed research project is important.

Describe the short-term impact: Detail the anticipated outcome(s)/product(s) that will be directly attributed to the results of the proposed research.

Describe the long-term impact: Explain the anticipated long-term gains from the proposed research, including how the new understanding may ultimately contribute to the goal of improving the function, quality of life, and/or lifespan for all individuals diagnosed with DMD.

- **Attachment 7: Transition Plan (one-page limit):** Upload as “Transition.pdf.”

Provide information on the methods and strategies proposed to move the outcome(s) of this project to the next level of clinical research or use after successful completion of the award. The transition plan should include the components listed below.

- Details of the funding strategy that will be used to bring the outcome(s) to clinical studies, clinical trials, and/or regulatory approval and commercialization (e.g., specific potential commercial partners, specific funding opportunities to be applied for, etc.).
- A description of collaborations and other resources that will be used to provide continuity of development.
- Outline the regulatory pathway needed to advance development, if applicable.
- A brief schedule and milestones for bringing the outcome(s) to clinical studies, clinical trials, and/or regulatory approval and commercialization.

- **Attachment 8: Statement of Collaboration (required if requesting an Optional Qualified Collaborator, two-page limit):** Upload as “Collaboration.pdf.” The following components should be addressed:
 - The PI must identify the Optional Qualified Collaborator and address all criteria described above in [Section I.C., Award Information](#).
 - Describe how the Optional Qualified Collaborator will contribute significantly to the project such that the proposed work could not be accomplished without his/her involvement.
 - Describe the unique skills and contributions of each partner, and how they will contribute to the success of the project.
- **Attachment 9: Statement of Traineeship (required if requesting an Optional Nested Resident or Medical Student Traineeship; two-page limit):** Upload as “Traineeship.pdf.”

Clearly describe the DMD research training program for the trainee, incorporating consideration of the candidate’s goals and prior experience. This should include a plan to obtain any background, in addition to the research experience and skills, necessary to support the trainee during the 1-year period of performance of the traineeship. Describe the availability of courses such as research design, biostatistics, and epidemiology at the institution, and how they will be integrated into the training plan. A timeline of key activities and planned attendance at conferences and seminars should be provided. Include information to describe the mentor’s research support related to the candidate’s research plan, and nature of the supervision that will occur during the proposed award period. The sponsoring institution must demonstrate a research and training program related to the candidate’s area of interest, including a high-quality research environment with staff capable of productive collaboration with the trainee.

- **Attachment 10: Animal Research Plan (required if applications include research on animal models; five-page limit):** Upload as “AnimalPlan.pdf.”

When the proposed study involves animals, the applicant is required to submit a summary describing the animal research that will be conducted. Applicants should not submit a verbatim replica of the protocol(s) to be submitted to the Institutional Animal Care and Use Committee (IACUC) as the Animal Research Plan. The Animal Research Plan should address the following points for each proposed animal study:

- Briefly describe the research objective(s) of the animal study. Explain how and why the animal species, strain, and model(s) being used can address the scientific objectives and, where appropriate, the study’s relevance to human biology.
- Summarize the procedures to be conducted. Describe how the study will be controlled.
- Describe the randomization and blinding procedures for the study, and any other measures to be taken to minimize the effects of subjective bias during animal

treatment and assessment of results. If randomization and/or blinding will not be utilized, provide justification.

- Provide a sample size estimate for each study arm and the method by which it was derived, including power analysis calculations.
- Describe how data will be handled, including rules for stopping data collection, criteria for inclusion and exclusion of data, how outliers will be defined and handled, statistical methods for data analysis, and identification of the primary endpoint(s).

- **Attachment 11: Human Subject Recruitment and Safety Procedures (required if application includes a clinical trial; no page limit):** Upload as “HumSubProc.pdf.”

Describe the study population, criteria for inclusion/exclusion, and the methods that will be used for recruitment/accrual of human subjects and/or samples (i.e., convenience, simple random, stratified random). Address any potential barriers to accrual and plans for addressing potential delays. Describe how the subject-to-group assignments process will be conducted (e.g., randomization, block randomization, stratified randomization, age-matched controls, alternating group, or other procedures), if applicable. Include a discussion of the screening procedures and risk/benefit considerations. In addition, include a clear and detailed description of the potential ethical issues raised by the proposed study and provide a detailed plan for how the ethical issues will be addressed.

- 3. **Research & Related Senior/Key Person Profile (Expanded):** Refer to the General Application Instructions, Section II.C.3., for detailed information. *Note: Some of the items in this attachment may be made available for programmatic review.*

- PI Biographical Sketch (four-page limit): Upload as “Biosketch_LastName.pdf.”
- PI Previous/Current/Pending Support (no page limit): Upload as “Support_LastName.pdf.”
- Key Personnel Biographical Sketches (four-page limit each): Upload as “Biosketch_LastName.pdf.”
 - Include a biographical sketch for the Optional Qualified Collaborator (if applicable).
 - Include a biographical sketch for the Nested Resident or Medical Student Trainee applicant (if applicable).
- Key Personnel Previous/Current/Pending Support (no page limit): Upload as “Support_LastName.pdf.”

- 4. **Research & Related Budget:** Refer to the General Application Instructions, Section II.C.4., for detailed information.

- Budget Justification (no page limit): Upload as “BudgetJustification.pdf.”

5. **Project/Performance Site Location(s) Form:** Refer to the General Application Instructions, Section II.C.5., for detailed information.
6. **R & R Subaward Budget Attachment(s) Form (if applicable):** Refer to the General Application Instructions, Section II.C.6., for detailed information.

D. Verification of Grants.gov Application in eBRAP

For FY14, a new process has been initiated whereby organizational representatives and PIs can view their applications as submitted through Grants.gov and prior to peer review of the application. This will enable applicants to make modifications prior to scientific and programmatic evaluation of applications, provided the modifications are made by either the end of the application verification period or, for changes to the Project Narrative or Budget, by the application submission deadline.

After application submission to Grants.gov, eBRAP will retrieve and validate the application submission. eBRAP will notify the organizational representatives and PI via email and instruct them to log into eBRAP to review, modify, and verify the application. Files that fail eBRAP validation will be noted in both the email and in the Full Application Files tab. eBRAP does not validate the accuracy or completeness of content in the files. PIs are strongly encouraged to review all application components. If either the Project Narrative or the Budget fail eBRAP validation, an updated Grants.gov application package must be submitted via Grants.gov prior to the application submission deadline, which occurs earlier than the end of the application verification period. ***The Project Narrative and Budget cannot be changed after the application submission deadline. Any other application component cannot be changed after the end of the application verification period.***

E. Submission Dates and Times

All submission dates and times are indicated on the [title page](#) of this Program Announcement/Funding Opportunity. Pre-application and application submissions are required. Failure to meet either of these deadlines will result in application rejection.

F. Other Submission Requirements

Refer to the General Application Instructions, Appendix 2, for detailed formatting guidelines.

All applications must be submitted through Grants.gov. Applicant organizations and all subrecipient organizations must have a DUNS number to submit applications to Grants.gov. The applicant organization must also be registered in the Entity Management functional area of the SAM with an “Active” status to submit applications through the Grants.gov portal. Refer to the General Application Instructions, Appendix 3, for information on Grants.gov requirements.

III. APPLICATION REVIEW INFORMATION

A. Application Review and Selection Process

All applicants are evaluated by scientists, clinicians, and consumer advocates using a two-tier review process. The first tier is peer review of applications against established criteria for determining technical merit. The second tier is a programmatic review that makes recommendations for funding to the Commanding General, USAMRMC, based on (a) technical merit and (b) the relevance to the mission of the DHP and DMDRP and to the specific intent of the award mechanism. The highest-scoring applications from the first tier of review are not automatically recommended for funding. Additional information about the two-tier process used by the CDMRP can be found at <http://cdmrp.army.mil/about/fundingprocess>.

All CDMRP review processes are conducted confidentially to maintain the integrity of the merit-based selection process. Panel members sign a non-disclosure statement that application and evaluation information will not be disclosed outside the panel. Violations of confidentiality can result in the dissolving of a panel(s) and other corrective actions. In addition, personnel at the applicant or collaborating organizations are prohibited from contacting persons involved in the review process to gain protected evaluation information or to influence the evaluation process. Violations of these prohibitions will result in the administrative withdrawal of the organization's application. Violations by panel members or applicants that compromise the confidentiality of the review process may also result in suspension or debarment from federal awards. Furthermore, the unauthorized disclosure of confidential information of one party to another third party is a crime in accordance with Title 18 United States Code 1905.

B. Application Review Process

1. Peer Review: To determine technical merit, all applications will be evaluated according to the following scored criteria, which are of equal importance:

- **Research Strategy and Feasibility**
 - How well the preliminary data and rationale support the research project.
 - How well the hypotheses or objectives, aims, experimental design, methods, statistical plan, and analyses are developed and integrated into the project. Whether the research project addresses at least one of the focus areas.
 - How well the PI identifies potential problems and addresses alternative approaches.
 - If the application includes an Optional Qualified Collaborator, how well the nature and extent of the collaboration supports the research project.
 - Whether the proposed research can be completed in the proposed period of performance.

For studies involving animal research:

- How well the animal study (or studies) is designed to achieve the objectives, including the relevance of model and endpoints/outcome measures to be used.

- How well the study (or studies) is designed to achieve reproducible and rigorous results, including controls, sample size estimation, blinding, randomization, and data handling.

For applications proposing clinical trials:

- How well the PI addresses the availability, accessibility, and interest of human subjects for the clinical trial, or how well the PI has justified the availability and accessibility of human samples for correlative studies.
- How well the inclusion, exclusion, and randomization criteria meet the needs of the proposed clinical trial, and how well the level of risk to the human subjects is minimized.
- Whether there is evidence that a plan to address potential ethical issues raised by the proposed study has been appropriately considered and developed (if applicable).
- How well the recruitment processes for human subjects, or the collection processes for human samples, are designed to meet the needs of the proposed study.
- Whether there is evidence of an adequate contingency plan to resolve potential delays (e.g., slow accrual, attrition).
- **Impact**
 - How the anticipated short-term outcome(s)/product(s) (intellectual and/or tangible) of the proposed research project will impact the research field, patient care, and/or quality of life.
 - Whether the proposed research project, if successful, will develop an outcome that is important and relevant to improving function, quality of life, and/or lifespan of individuals diagnosed with DMD.
- **Transition Plan**
 - Whether the funding strategy described to bring the outcome(s) to clinical studies, clinical trials, and/or delivery to market is appropriate.
 - Whether appropriate collaborations and other resources for providing continuity of development are established and/or well described.
 - How the schedule and milestones for bringing the outcome(s) to clinical studies, clinical trials, and/or delivery to market are appropriate.
- **Personnel**
 - How well the PI's record of accomplishment demonstrates his/her ability to accomplish the proposed work.
 - The degree of appropriateness of the levels of effort by the PI and other key personnel to ensure success of the project.
 - Optional Qualified Collaborator (if applicable):

- Whether the collaborator's experience, expertise, and involvement in the study significantly contribute to the project such that the proposed work could not be accomplished without his/her involvement.
- Whether the collaborator meets the criteria for an Optional Qualified Collaborator as verified by the Statement of Collaboration (i.e., the collaborator is at or above the level of Assistant Professor [or equivalent]; the collaborator is contributing at least 10% level of effort).
- o Optional Nested Resident or Medical Student (if applicable):
 - Whether the resident or medical student is an appropriate candidate for this traineeship and whether he/she is able to participate at a minimum of 40% level of effort over the 1-year period of performance.
 - Whether the PI and other scientific personnel are well qualified to conduct training for the trainee and whether a senior staff member has been identified who will be responsible for the trainee.
 - How well the research training is structured and balanced to ensure that the trainee will acquire the knowledge and necessary skills relevant to the area of DMD being studied.

In addition, the following unscored criteria will also contribute to the overall evaluation of the application:

- **Environment**

- o How the scientific environment is appropriate for the proposed research.
- o How the research requirements are supported by the availability of and accessibility to facilities and resources (including collaborative arrangements).
- o How the quality and extent of institutional support are appropriate for the proposed research.
- o If applicable, to what degree the intellectual and material property plan is appropriate.

- **Budget**

- o Whether the budget is appropriate for the proposed research and within the limitations of this Program Announcement/Funding Opportunity.

- **Application Presentation**

- o To what extent the writing, clarity, and presentation of the application components influence the review.

- 2. Programmatic Review:** To make funding recommendations, the following equally considered criteria are used by programmatic reviewers:
- a. Ratings and evaluations of the peer reviewers**
 - b. Relevance to the mission of the DHP and FY14 DMDRP, as evidenced by the following:**
 - Adherence to the intent of the award mechanism
 - Program portfolio composition
 - Programmatic relevance
 - Relative impact

C. Recipient Qualification

For general information on required qualifications for award recipients, refer to the General Application Instructions, Appendix 1.

D. Application Review Dates

All application review dates and times are indicated on the [title page](#) of this Program Announcement/Funding Opportunity.

E. Notification of Application Review Results

Each PI and organization will receive email notification of posting of the funding recommendation in eBRAP. Each PI will receive a peer review summary statement on the strengths and weaknesses of the application.

IV. ADMINISTRATIVE ACTIONS

After receipt of pre-applications from eBRAP or applications from Grants.gov, the following administrative actions may occur:

A. Rejection

The following will result in administrative rejection of the pre-application:

- Preproposal Narrative exceeds page limit.
- Preproposal Narrative is missing.

The following will result in administrative rejection of the application:

- Submission of an application for which a letter of invitation was not received.
- Project Narrative exceeds page limit.
- Project Narrative is missing.
- Budget is missing.

- Submission of the same research project to different funding opportunities within the same program and fiscal year.

B. Modification

- Pages exceeding the specific limits will be removed prior to review for all documents other than the Preproposal Narrative and Project Narrative.
- Documents not requested will be removed.
- Following application submission to Grants.gov, the PI will receive an email request from eBRAP to review, modify, and verify the application submitted to Grants.gov. During this verification period, the PI may upload missing documents (excluding those listed in [Section IV.A., Rejection](#)), replace files, and re-categorize files. These modifications must be completed by the end of the application verification period; otherwise, the application will be reviewed as submitted.

C. Withdrawal

The following may result in administrative withdrawal of the pre-application or application:

- A FY14 DMDRP IP member is named as being involved in the research proposed or is found to have assisted in the pre-application or application processes including, but not limited to, concept design, application development, budget preparation, and the development of any supporting documentation. A list of the FY14 DMDRP IP members can be found at <http://cdmrp.army.mil/dmdrp/panels/panels14>.
- The application fails to conform to this Program Announcement/Funding Opportunity description to the extent that appropriate review cannot be conducted.
- Direct costs as shown on the Research & Related Budget exceed the maximum allowed by this Program Announcement/Funding Opportunity.
- Inclusion of URLs, with the exception of links in References Cited and Publication and/or Patent Abstract sections.
- Page size is larger than 8.5 inches x 11.0 inches (approximately 21.59 cm x 27.94 cm).
- Inclusion of any employee of CDMRP review contractors in applications for funding without adequate plans to mitigate conflicts of interest. Refer to the General Application Instructions, Section II.B., for detailed information.
- Personnel from applicant or collaborating organizations are found to have contacted persons involved in the review process to gain protected evaluation information or to influence the evaluation process.
- The PI does not meet the eligibility criteria.
- The application does not address at least one of the focus areas.

D. Withhold

Applications that appear to involve research misconduct will be administratively withheld from further consideration pending institutional investigation. The institution will be required to provide the findings of the investigation to the USAMRAA Grants Officer for a determination of the final disposition of the application.

V. AWARD ADMINISTRATION INFORMATION

A. Award Notice

Awards will be made no later than September 30, 2015. Refer to the General Application Instructions, Appendix 4, for additional award administration information.

B. Administrative Requirements

Refer to the General Application Instructions, Appendix 4 for general information regarding administrative requirements.

C. National Policy Requirements

Refer to the General Application Instructions, Appendix 5 for general information regarding national policy requirements.

D. Reporting

Refer to the General Application Instructions, Appendix 4, Section J, for general information on reporting requirements. Annual technical progress reports will be required.

For all awards including prospective accrual of human subjects, quarterly technical progress reports will be required.

E. Award Transfers

Changes in PI are not allowed, except under extenuating circumstances that will be evaluated on a case-by-case basis and at the discretion of the Grants Officer.

The institution transfer of an award supporting a clinical trial is strongly discouraged and in most cases will not be allowed. Approval of a transfer request will be on a case-by-case basis at the discretion of the Grants Officer.

Refer to the General Application Instructions, Appendix 4, Section M, for general information on organization or PI changes.

VI. AGENCY CONTACTS

A. CDMRP Help Desk

Questions related to Program Announcement/Funding Opportunity content or submission requirements as well as questions related to the submission of the pre-application through eBRAP should be directed to the CDMRP Help Desk, which is available Monday through Friday from 8:00 a.m. to 5:00 p.m. ET. Response times may vary depending upon the volume of inquiries.

Phone: 301-682-5507

Email: help@eBRAP.org

B. Grants.gov Contact Center

Questions related to application submission through Grants.gov portal should be directed to the Grants.gov Contact Center, which is available 24 hours a day, 7 days a week (closed on U.S. federal holidays). Note that the CDMRP Help Desk is unable to provide technical assistance with Grants.gov submission.

Phone: 800-518-4726

Email: support@grants.gov

Sign up on Grants.gov for “send me change notification emails” by following the link on the Synopsis page for the Program Announcement/Funding Opportunity or by responding to the prompt provided by Grants.gov when first downloading the application package. If the application package is updated or changed, the original version of the application package may not be accepted by Grants.gov.

VII. APPLICATION SUBMISSION CHECKLIST

Grants.gov Application Components	Action	Completed
SF-424 (R&R) Application for Federal Assistance	Complete form as instructed.	
Attachments Form	Project Narrative: Upload as Attachment 1 with file name "ProjectNarrative.pdf."	
	Supporting Documentation: Upload as Attachment 2 with file name "Support.pdf."	
	Technical Abstract: Upload as Attachment 3 with file name "TechAbs.pdf."	
	Lay Abstract: Upload as Attachment 4 with file name "LayAbs.pdf."	
	Statement of Work: Upload as Attachment 5 with file name "SOW.pdf."	
	Impact Statement: Upload as Attachment 6 with file name "Impact.pdf."	
	Transition Plan: Upload as Attachment 7 with file name "Transition.pdf."	
	Statement of Collaboration: Upload as Attachment 8 with file name "Collaboration.pdf," if applicable.	
	Traineeship: Upload as Attachment 9 with file name "Traineeship.pdf," if applicable.	
	Animal Research Plan: Upload as Attachment 10 with file name "AnimalPlan.pdf," if applicable.	
	Human Subject Recruitment and Safety Procedures: Upload as Attachment 11 with file name "HumSubProc.pdf," if applicable.	
Research & Related Senior/Key Person Profile (Expanded)	Attach PI Biographical Sketch (Biosketch_LastName.pdf) to the appropriate field.	
	Attach PI Previous/Current/Pending Support (Support_LastName.pdf) to the appropriate field.	
	Attach Biographical Sketch (Biosketch_LastName.pdf) for each senior/key person to the appropriate field.	
	Attach Previous/Current/Pending (Support_LastName.pdf) for each senior/key person to the appropriate field.	
Research & Related Budget	Complete as instructed. Attach Budget Justification (BudgetJustification.pdf) to the appropriate field.	
Project/Performance Site Location(s) Form	Complete form as instructed.	
R & R Subaward Budget Attachment(s) Form	Complete form as instructed.	