

**U.S. DEPARTMENT OF EDUCATION**

Office of Postsecondary Education  
Washington, DC 20202



**FY 2022  
APPLICATION FOR GRANTS UNDER  
THE MODELING AND SIMULATION PROGRAM**

**CFDA NUMBER: 84.116S**

**Form Approved**

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## I. DEAR APPLICANT LETTER



### UNITED STATES DEPARTMENT OF EDUCATION OFFICE OF POSTSECONDARY EDUCATION

Dear Applicant:

Thank you for your interest in the fiscal year (FY) 2022 Modeling and Simulation Program (MSP). This grant competition is administered by the Office of Postsecondary Education at the U.S. Department of Education (the Department). The purpose of the MSP is to promote the study of modeling and simulation at institutions of higher education by promoting the enhancement or development of modeling and simulation degree and certificate programs. Additionally, through this program, the Department will create a task force that will include the successful grantees and other content experts to raise awareness and help further define the study of modeling and simulation.

For information on the absolute priorities, competitive preference priority, selection criteria, and other program and competition details, refer to the *Federal Register* Notice Inviting Applications (NIA) published on June 30, 2022, and this application package. This application package contains the instructions and forms needed to submit a complete application for the MSP. Applications for FY 2022 grants under the MSP must be submitted electronically using Grants.gov at <http://www.grants.gov>. Applicants are required to follow the Revised Common Instructions for Applicants to Department of Education Discretionary Grant Programs published in the *Federal Register* on December 27, 2021 (86 FR 73264) and available at <https://www.govinfo.gov/content/pkg/FR-2021-12-27/pdf/2021-27979.pdf>. This document contains requirements and information on how to submit an application.

You are reminded that the NIA published in the *Federal Register* is the official document and you should not rely upon any information that is inconsistent with the guidance contained within the official document. We also encourage applicants to review the “Competition Highlights” found in this application package for an overview of important items. If you have any questions or require additional information, please contact Dr. Robin Dabney at (202) 453-7908 or [Robin.Dabney@ed.gov](mailto:Robin.Dabney@ed.gov).

We appreciate your interest in the Modeling and Simulation Program and look forward to receiving your application.

Sincerely,

/s/

Michelle Asha Cooper, Ph.D.  
Acting Assistant Secretary for Postsecondary Education

## II. COMPETITION HIGHLIGHTS

### 1. Eligible Applicants

Public or private nonprofit institutions of higher education (as defined in the NIA) are eligible to apply.

### 2. Priorities

This notice contains two absolute priorities and one competitive preference priority. Applicants may only apply under one of the two absolute priorities. In accordance with 34 CFR 75.105(b)(2)(v), the absolute priorities are from the authorizing statute (section 891 of the HEA, 20 U.S.C. 1161v). The competitive preference priority is from the Secretary's Supplemental Priorities and Definitions for Discretionary Grants Programs, published in the *Federal Register* on December 10, 2021 (86 FR 70612) (Supplemental Priorities).

**Absolute Priorities:** These priorities are absolute priorities. Under 34 CFR 75.105(c)(3), we consider only applications that meet one of these priorities. Applicants must specify which absolute priority they are responding to in their application abstract.

These priorities are:

#### **Absolute Priority 1--Enhancing Modeling and Simulation at Institutions of Higher Education**

To be considered for a grant under this absolute priority, an eligible institution must include in its application—

- (a) A letter from the president or provost of the eligible institution that demonstrates the institution's commitment to the enhancement of the modeling and simulation program at the institution of higher education;
- (b) An identification of designated faculty responsible for the enhancement of the institution's modeling and simulation program;
- (c) A detailed plan for how the grant funds will be used to enhance a modeling and simulation program of the institution; and
- (d) Evidence that the institution has an established modeling and simulation degree program, including a major, minor, or career-track program; or has an established modeling and simulation certificate or concentration program.

#### **Absolute Priority 2--Establishing Modeling and Simulation Programs**

To be considered for a grant under this absolute priority, an eligible institution must include in its application—

- (a) A letter from the president or provost of the eligible institution that demonstrates the institution's commitment to the establishment of a modeling and simulation program at the institution of higher education;
- (b) A detailed plan for how the grant funds will be used to establish a modeling and simulation program at the institution; and
- (c) A description of how the modeling and simulation program established under this priority will complement existing programs and fit into the institution's current program and course offerings.

**Competitive Preference Priority:** For FY 2022 and any subsequent year in which we make awards from the list of unfunded applications from this competition, this priority is a competitive preference priority. Under 34 CFR 75.105(c)(2)(i), we award up to an additional 3 points to an application, depending on how well the application meets this priority.

This priority is:

#### **Competitive Preference Priority --Promoting Equity in Student Access to Educational Resources and Opportunities**

Under this priority, an application must demonstrate that the project will be implemented by or in partnership with one or more of the following entities:

- (a) Community colleges (as defined in this notice).
- (b) Historically Black colleges and universities (as defined in this notice).
- (c) Tribal Colleges and Universities (as defined in this notice).
- (d) Minority-serving institutions (as defined in this notice).

### 3. **Electronic Submission of Applications**

Applications must be submitted electronically using Grants.gov, accessible through its portal page at: <http://www.grants.gov>. Applicants are required to follow the Revised Common Instructions for Applicants to Department of Education Discretionary Grant Programs published in the *Federal Register* on December 27, 2021 (86 FR 73264) and available at <https://www.govinfo.gov/content/pkg/FR-2021-12-27/pdf/2021-27979.pdf>, which contains requirements and information on how to submit an application.

The Grants.gov site does not allow applicants to “un-submit” applications. Therefore, if you discover that changes or additions are needed once your application has been accepted and validated by the Department, you must “re-submit” the application. Please know that, if the Department receives duplicate applications, we will accept and process the application with the latest “date/time received” validation.

The application must be received on or before the deadline date and time. **Late applications will not be accepted.** We suggest that you submit your application several days before the deadline. The Department must adhere to the established deadline to ensure fairness to all applicants. No changes or additions to an application will be accepted after the deadline date.

### 4. **Format of Application**

We recommend that you limit the application narrative to no more than 50 pages and use the following standards: a “page” is 8.5" x 11", on one side only, with 1" margins at the top, bottom, and both sides; double-space (no more than three lines per vertical inch) all text in the application narrative, including titles, headings, footnotes, quotations, references, and captions, as well as all text in charts, tables, figures, and graphs; use a font that is either 12 point or larger, and no smaller than 10 pitch (characters per inch); and use one of the following fonts: Times New Roman, Courier, Courier New, or Arial. The Notice contains additional information governing formatting instructions.

The recommended 50-page limit applies only to the application narrative and does not apply to Part I, the cover sheet; Part II, the budget section, including the narrative budget justification; Part IV, the assurances and certifications; or the one-page abstract, the resumes, the bibliography, or the letters of support. We recommend that any application addressing the competitive preference priority include no more than three additional pages for the priority if the priority is addressed.

**All attachments must be in PDF format only. Other types of files will not be accepted.** If you submit your application electronically, you must upload any narrative sections and all other attachments to your application as files in a PDF (Portable Document) read-only, non-modifiable format. Do not upload an interactive or fillable PDF file. If you upload a file type other than a read-only, non-modifiable PDF or submit a password-protected file, we will not review that material. Please note that this could result in your application not being considered for funding because the material in question--for example, the application narrative--is critical to a meaningful review of your proposal. For that reason, it is important to allow yourself adequate time to upload all material as PDF files. The Department will not convert material from other formats to PDF.

### 5. **Notice to Successful Applicants**

The Department’s Office of Legislation and Congressional Affairs will inform the Congress regarding applications approved for new program grants. Successful applicants will receive award notices by mail or e-mail shortly after the Congress is notified. No funding information will be released before the Congress is notified.

6. **Notice to Unsuccessful Applicants**

Unsuccessful applicants will be notified in writing following the notice to successful applicants.

7. **Application Components**

This application package contains detailed instructions for every required component of your application. It also includes an Application Checklist for your convenience. Note: If all required documents are not submitted with your application, it may be deemed ineligible.

8. Carefully review the eligibility information within the NIA.

9. The program uses an unrestricted indirect cost rate. For more information regarding indirect costs, or to obtain a negotiated indirect cost rate, please see <https://www2.ed.gov/about/offices/list/ocfo/intro.html>.

10. Applicants must complete a supporting budget narrative for each line item on the ED-524 form.

11. If you receive a FY 2022 new grant award, you will be required to submit annual and final performance reports.

12. Applicants are reminded that the NIA published in the Federal Register is the official document. You should not rely upon any information that is inconsistent with the guidance contained within the official document.

13. A Pre-Application webinar will be provided by the program office. Please contact Dr. Robin Dabney at (202) 453-7908 or via email at [Robin.Dabney@ed.gov](mailto:Robin.Dabney@ed.gov).

## III. GRANTS.GOV SUBMISSION PROCEDURES AND TIPS FOR APPLICANTS

Revised 04/2022

### IMPORTANT – PLEASE READ FIRST

#### U.S. Department of Education **Grants.gov Submission Procedures and Tips for Applicants**

To facilitate your use of Grants.gov, this document includes important submission procedures you need to be aware of to ensure your application is received in a timely manner and accepted by the Department of Education.

#### **Browser Support**

The latest versions of Microsoft Internet Explorer (IE), Mozilla Firefox, Google Chrome, and Apple Safari are supported for use with Grants.gov. However, these web browsers undergo frequent changes and updates, so we recommend you have the latest version when using Grants.gov. Legacy versions of these web browsers may be functional, but you may experience issues. Grants.gov no longer provides support for Microsoft Internet Explorer 9 or below.

For additional information or updates, please see the Grants.gov Browser information in the Applicant FAQs:  
<http://www.grants.gov/web/grants/applicants/applicant-faqs.html#browser>

#### **ATTENTION – Workspace, Adobe Forms and PDF Files**

Grants.gov applicants can apply online using Workspace. Workspace is a shared, online environment where members of a grant team may simultaneously access and edit different web forms within an application. For each funding opportunity announcement (FOA), you can create individual instances of a workspace.

Below is an overview of applying on Grants.gov. For access to complete instructions on how to apply for opportunities, refer to:  
<https://www.grants.gov/web/grants/applicants/workspace-overview.html>

- 1) Create a Workspace: Creating a workspace allows you to complete it online and route it through your organization for review before submitting.
- 2) Complete a Workspace: Add participants to the workspace to work on the application together, complete all the required forms online or by downloading PDF versions, and check for errors before submission. The Workspace progress bar will display the state of your application process as you apply. As you apply using Workspace, you may click the blue question mark icon near the upper-right corner of each page to access context-sensitive help.
  - a. Adobe Reader: If you decide not to apply by filling out web forms you can download individual PDF forms in Workspace. The individual PDF forms can be downloaded and saved to your local device storage, network drive(s), or external drives, then accessed through Adobe Reader.  
NOTE: Visit the Adobe Software Compatibility page on Grants.gov to download the appropriate version of the software at: <https://www.grants.gov/web/grants/applicants/adobe-software-compatibility.html>
  - b. Mandatory Fields in Forms: In the forms, you will note fields marked with an asterisk and a different background color. These fields are mandatory fields that must be completed to successfully submit your application.
  - c. Complete SF-424 Fields First: The forms are designed to fill in common required fields across other forms, such as the applicant name, address, and Unique Entity Identifier (UEI) Number. Once it is completed, the information will transfer to the other forms.

- 3) **Submit a Workspace:** An application may be submitted through workspace by clicking the Sign and Submit button on the Manage Workspace page, under the Forms tab. Grants.gov recommends submitting your application package at least 24-48 hours prior to the close date to provide you with time to correct any potential technical issues that may disrupt the application submission.
- 4) **Track a Workspace Submission:** After successfully submitting a workspace application, a Grants.gov Tracking Number (GRANTXXXXXXXX) is automatically assigned to the application. The number will be listed on the Confirmation page that is generated after submission. Using the tracking number, access the Track My Application page under the Applicants tab or the Details tab in the submitted workspace.

For additional training resources, including video tutorials, refer to <https://www.grants.gov/web/grants/applicants/applicant-training.html>.

## Helpful Reminders

1. **REGISTER EARLY** – Grants.gov registration involves many steps including registration on SAM ([www.sam.gov](http://www.sam.gov)), which usually takes approximately 7 to 10 business days, but can take longer depending on the completeness and accuracy of the data entered into the SAM database by an applicant. You may begin working on your application while completing the registration process, but you cannot submit an application until all of the Registration steps are complete. Please note that once your SAM registration is active, it will take 24-48 hours for the information to be available in Grants.gov, and before you can submit an application through Grants.gov. For detailed information on the Registration Steps, please go to: <http://www.grants.gov/web/grants/register.html>. Please note that your organization will need to update its SAM registration annually.

To register in SAM.gov, click on the “Get Started” link under the “Register Your Entity...” heading in SAM.gov. Grantees, and other entities wanting to do business with the U.S. Department of Education (e.g., entities applying for a grant), that are not already registered in SAM.gov must complete the “Register Entity” registration option and NOT the “Get a Unique Entity ID” option. The “Get a Unique Entity ID” option, which is not a full registration, is only available to entities for reporting purposes. Failing to complete the “Register Entity” option may result in loss of funding, loss of applicant eligibility, and/or delays in receiving a grant award. Information about SAM is available at [www.SAM.gov](http://www.SAM.gov). To further assist you with registering in SAM or updating your existing SAM registration, see the [Quick Start Guide for Grant Registrations](#) and the Entity Registration Video at <https://sam.gov/content/entity-registration>.

2. **SUBMIT EARLY** – We strongly recommend that you do not wait until the last day to submit your application. **Grants.gov will put a date/time stamp on your application and then process it after it is fully uploaded.** The time it takes to upload an application will vary depending on a number of factors including the size of the application and the speed of your Internet connection, and the time it takes Grants.gov to process the application will vary as well. If Grants.gov rejects your application (see step three below), you will need to resubmit successfully to Grants.gov before 11:59:59 p.m. Eastern Time on the deadline date.

You must provide the UEI on your application that was used when you registered as an Authorized Organization Representative (AOR) on Grants.gov. This UEI is assigned to your organization in SAM at the time your organization registers in SAM. If you do not enter the UEI assigned by SAM on your application, Grants.gov will reject your application.

3. **VERIFY SUBMISSION IS OK** – You will want to verify that Grants.gov received your application submission on time and that it was validated successfully. To see the date/time your application was received, login to Grants.gov and click on the Track My Application link. For a successful submission, the date/time received should be earlier than 11:59:59 p.m. Eastern Time, on the deadline date, AND the application status should be: Validated, Received by Agency, or Agency Tracking Number Assigned. Once the Department of Education receives your application from Grants.gov, an Agency Tracking Number (PR/award number) will be assigned to your application and will be available for viewing on Grants.gov’s Track My Application link.

If the date/time received is later than 11:59:59 p.m. Eastern Time, on the deadline date, your application is late. If your application has a status of “Received” it is still awaiting validation by Grants.gov. Once validation is complete, the status will either change to “Validated” or “Rejected with Errors.” If the status is “Rejected with Errors,” your application has not been received successfully. Some of the reasons Grants.gov may reject an application can be found on the Grants.gov site: <http://www.grants.gov/web/grants/applicants/encountering-error-messages.html>. For more detailed information on

troubleshooting Adobe errors, you can review the Adobe Reader Software Tip Sheet at: <http://www.grants.gov/web/grants/applicants/adobe-software-compatibility.html>. If you discover your application is late or has been rejected, please see the instructions below. Note: You will receive a series of confirmations both online and via e-mail about the status of your application. Please do not rely solely on e-mail to confirm whether your application has been received timely and validated successfully.

### Submission Problems – What should you do?

If you have problems submitting to Grants.gov before the closing date, please contact Grants.gov Customer Support at 1-800-518-4726 or email at: <mailto:support@grants.gov> or access the Grants.gov Self-Service Knowledge Base web portal at: <https://grants-portal.psc.gov/Welcome.aspx?pt=Grants>

We discourage paper applications, but if electronic submission is not possible ( e.g., you do not have access to the internet), (1) you must provide a prior written notification that you intend to submit a paper application and (2) your paper application must be postmarked by the application deadline date. If you submit your prior written notification by email, it must be received by the Department no later than 14 calendar days before the application deadline date. If you mail your notification to the Department, it must be postmarked no later than 14 calendar days before the application deadline date (See the [2021 Common Instructions](#) for detailed instructions regarding this procedure).

### Helpful Hints When Working with Grants.gov

Please go to <http://www.grants.gov/web/grants/support.html> for help with Grants.gov. For additional tips related to submitting grant applications, please refer to the Grants.gov Applicant FAQs found at this Grants.gov link: <http://www.grants.gov/web/grants/applicants/applicant-faqs.html> as well as additional information on Workspace at <https://www.grants.gov/web/grants/applicants/applicant-faqs.html#workspace>.

### Slow Internet Connections

When using a slow internet connection, such as a dial-up connection, to upload and submit your application, it can take significantly longer than when you are connected to the Internet with a high-speed connection, e.g., cable modem/DSL/T1. While times will vary depending upon the size of your application, it can take a few minutes to a few hours to complete your grant submission using a dial up connection. Failure to fully upload an application by the deadline date and time will result in your application being marked late in the G5 system. **If you do not have access to a high-speed internet connection, you may want to consider following the instructions in the Federal Register notice to obtain an exception to the electronic submission requirement no later than 14 calendar days before the application deadline date.** (See the Federal Register notice for detailed instructions and the [2021 Common Instructions](#).)

### Attaching Files – Additional Tips

Please note the following tips related to attaching files to your application:

- When you submit your application electronically, you must upload any narrative sections and all other attachments to your application as files in either Portable Document Format (PDF) or Microsoft Word. Although applicants have the option of uploading any narrative sections and all other attachments to their application in either PDF or Microsoft Word, we **recommend** applicants submit all documents as read-only flattened PDFs, meaning any fillable PDF files must be saved and submitted as non-fillable PDF files and not as interactive or fillable PDF files, to better ensure applications are processed in a more timely, accurate, and efficient manner.
- Grants.gov cannot process an application that includes two or more files that have the same name within a grant submission. Therefore, each file uploaded to your application package should have a unique file name.
- When attaching files, applicants should follow the guidelines established by Grants.gov on the size and content of file names. Uploaded file names must be fewer than 50 characters, and, in general, applicants should not use any special characters. However, Grants.gov does allow for the following UTF-8 characters when naming your attachments: A-Z, a-z, 0-9, underscore, hyphen, space, period, parenthesis, curly braces, square brackets, ampersand, tilde, exclamation point, comma, semi colon, apostrophe, at sign, number sign, dollar sign, percent sign, plus sign, and equal sign. Applications submitted that do not comply with the Grants.gov guidelines will be rejected at Grants.gov and not forwarded to the Department.
- Applicants should limit the size of their file attachments. Documents submitted that contain graphics and/or scanned material often greatly increase the size of the file attachments and can result in difficulties opening the files. For reference, the average discretionary grant application package with all attachments is less than 5 MB. Therefore, you may want to check the total size of your package before submission.

## IV. APPLICATION TRANSMITTAL INSTRUCTIONS

ATTENTION ELECTRONIC APPLICANTS: Please note that you must follow the application procedures as described in the Federal Register notice announcing the grant competition.

**This program requires the electronic submission of applications; specific requirements and waiver instructions can be found in the Federal Register notice.**

**According to the instructions found in the Federal Register notice, those requesting and qualifying for an exception to the electronic submission requirement may submit an application by mail or commercial carrier.**

If you want to apply for a grant and be considered for funding, you must meet the following deadline requirements:

### **Applications Submitted Electronically**

**You must submit your grant application through the Internet using the software provided on the Grants.gov Web site (<http://www.grants.gov>) by 11:59:59 p.m. Eastern Time on or before the deadline date.**

If you submit your application through the Internet via the Grants.gov Web site, you will receive an automatic acknowledgement when we receive your application.

For more information on using Grants.gov, please refer to the “Notice Inviting Applications” that was published in the Federal Register or visit <http://www.grants.gov>.

### **Submission of Paper Applications by Mail:**

If you qualify for an exception to the electronic submission requirement, you may submit your application in paper format by mail (through the U.S. Postal Service or a commercial carrier). You must mail the original and two copies of your application, on or before the application deadline date, to the Department at the following address:

U.S. Department of Education  
OFO/G5 Functional Application Team  
Mail Stop 5C231  
Attention: Assistance Listing Number (ALN) 84.116S  
400 Maryland Avenue, S.W.  
Washington, DC 20202-4260

You must show proof of mailing consisting of one of the following:

- (1) A legibly dated U.S. Postal Service postmark.
- (2) A legible mail receipt with the date of mailing stamped by the U.S. Postal Service.
- (3) A dated shipping label, invoice, or receipt from a commercial carrier.
- (4) Any other proof of mailing acceptable to the Secretary of the U.S. Department of Education.

If you mail your application through the U.S. Postal Service, we do not accept either of the following as proof of mailing:

- (1) A private metered postmark.
- (2) A mail receipt that is not dated by the U.S. Postal Service.

If your application is postmarked after the application deadline date, we will **not** consider your application.

Note: The U.S. Postal Service does not uniformly provide a dated postmark. Before relying on this method, you should check with your local post office.

### **Note for Mail Delivery of Paper Applications:**

If you mail your application to the Department—

(1) You must indicate on the envelope—and, if not provided by the Department, in Item 11 of the SF 424—the Assistance Listing Number (ALN), including suffix letter, if any, of the competition under which you are submitting your application; and

(2) The G5 Functional Application Team will notify you of the Department’s receipt of your grant application. If you do not receive this notification within 15 business days from the application deadline date, you should contact the person listed in the **FOR FURTHER INFORMATION CONTACT** section of the competition NIA.

**Late Applications:**

If your application is late, we will notify you that we will not consider the application.

## V. NOTICE INVITING APPLICATIONS

4000-01-U

DEPARTMENT OF EDUCATION

Applications for New Awards; Modeling and Simulation Program

AGENCY: Office of Postsecondary Education, Department of Education.

ACTION: Notice.

SUMMARY: The Department of Education is issuing a notice inviting applications for new awards for fiscal year (FY) 2022 for the Modeling and Simulation Program (MSP), Assistance Listing Number 84.116S. This notice relates to the approved information collection under OMB control number 1894-0006.

DATES:

Applications Available: June 30, 2022.

Deadline for Transmittal of Applications: August 15, 2022.

Deadline for Intergovernmental Review: October 13, 2022.

ADDRESSES: For the addresses for obtaining and submitting an application, please refer to our Common Instructions for Applicants to Department of Education Discretionary Grant Programs, published in the *Federal Register* on December 27, 2021 (86 FR 73264) and available at [www.federalregister.gov/d/2021-27979](http://www.federalregister.gov/d/2021-27979). Please note that these Common Instructions supersede the version published on February 13, 2019, and, in part, describe the transition from the requirement to register in SAM.gov a Data Universal Numbering System (DUNS) number to the implementation of the Unique Entity Identifier (UEI). More information on the phase-out of DUNS numbers is available at

<https://www2.ed.gov/about/offices/list/fofo/docs/unique-entity-identifier-transition-fact-sheet.pdf>.

FOR FURTHER INFORMATION CONTACT: Robin M. Dabney, U.S. Department of Education, 400 Maryland Avenue, SW, room 2B117, Washington, DC 20202-4260. Telephone: (202) 453-7908. Email: Robin.Dabney@ed.gov.

If you are deaf, hard of hearing, or have a speech disability and wish to access telecommunications relay services, please dial 7-1-1.

SUPPLEMENTARY INFORMATION:

Full Text of Announcement

I. Funding Opportunity Description

Purpose of Program: The MSP is designed to promote the study of modeling and simulation at institutions of higher education (IHEs) by promoting the enhancement or development of modeling and simulation degree and certificate programs. Additionally, through this program, the Department will create a task force that will include successful grantees and other content experts to raise awareness and help further define the study of modeling and simulation.

Background: Modeling and simulation programs utilize simulated interactive models of real world scenarios to improve experiential learning in the classroom. According to House Report 117-96, which accompanied the FY 2022 appropriations bill for the Departments of Labor, Health and Human Services, Education, and related agencies, "modeling and simulation technology has numerous applications for Federal and State governments and their partners in the defense, education, gaming, shipbuilding, and workforce training sectors, allowing them to generate

data to help make decisions or predictions about their systems.”<sup>1</sup> These technologies aid in the development of tools or techniques in numerous industries where real world education and training for high-risk or dangerous situations are not realistic. This program seeks to fund the development or enhancement of certificate and degree programs focused on modeling and simulation. Through grant support, we hope to increase the availability and capacity of such certificate and degree programs in the field of modeling and simulation. In FY 2021, the Department provided funding to five IHEs to develop and enhance degree programs in this field. Given the additional funding for this program in FY 2022, the Department will fund additional applicants to expand opportunities for students who are interested in pursuing this type of degree program.

In addition, the MSP includes a task force to provide input into the development of curriculum and research on the instructional methods and pedagogy needed to further develop modeling and simulation programs. Applicants funded under this program will be members of the task force and should include funding requests in their budgets for activities associated with task force membership, in addition to the amount requested for program implementation. In accordance with section 891(b)(1) of the Higher Education Act of 1965, as amended (HEA), the activities of the task force will include helping to define the study of modeling and simulation (including the content of modeling and simulation classes and programs), identifying best practices for such study,

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<sup>1</sup> H. Rept. 117-96 at p. 303 (2022).

identifying core knowledge and skills that individuals who participate in modeling and simulation programs should acquire, and providing recommendations to the Secretary on these topics and on grants distribution. The budget for participation in the task force should be included in the budget narrative and should include travel for at least two or three grantee representatives for two or three in-person meetings and/or site visits to organizations using modeling and simulation technologies to help expand awareness. Budgets should also include costs related to the development of white papers or other resources so that grantees can share the knowledge gained through their funded programs, as well as other lessons learned from the task force convenings.

Priorities: This notice contains two absolute priorities and one competitive preference priority. Applicants may only apply under one of the two absolute priorities. In accordance with 34 CFR 75.105(b)(2)(v), the absolute priorities are from the authorizing statute (section 891 of the HEA, 20 U.S.C. 1161v). The competitive preference priority is from the Secretary's Supplemental Priorities and Definitions for Discretionary Grants Programs, published in the *Federal Register* on December 10, 2021 (86 FR 70612) (Supplemental Priorities).

Absolute Priorities: These priorities are absolute priorities. Under 34 CFR 75.105(c)(3), we consider only applications that meet one of these priorities. Applicants must specify which absolute priority they are responding to in their application abstract.

These priorities are:

Absolute Priority 1--Enhancing Modeling and Simulation at  
Institutions of Higher Education.

To be considered for a grant under this absolute priority, an eligible institution must include in its application—

(a) A letter from the president or provost of the eligible institution that demonstrates the institution's commitment to the enhancement of the modeling and simulation program at the institution of higher education;

(b) An identification of designated faculty responsible for the enhancement of the institution's modeling and simulation program;

(c) A detailed plan for how the grant funds will be used to enhance a modeling and simulation program of the institution; and

(d) Evidence that the institution has an established modeling and simulation degree program, including a major, minor, or career-track program; or has an established modeling and simulation certificate or concentration program.

Absolute Priority 2--Establishing Modeling and Simulation Programs.

To be considered for a grant under this absolute priority, an eligible institution must include in its application—

(a) A letter from the president or provost of the eligible institution that demonstrates the institution's commitment to the establishment of a modeling and simulation program at the institution of higher education;

(b) A detailed plan for how the grant funds will be used to establish a modeling and simulation program at the institution; and

(c) A description of how the modeling and simulation program established under this priority will complement existing programs and fit into the institution's current program and course offerings.

Competitive Preference Priority: For FY 2022 and any subsequent year in which we make awards from the list of unfunded applications from this competition, this priority is a competitive preference priority. Under 34 CFR 75.105(c) (2) (i), we award up to an additional 3 points to an application, depending on how well the application meets this priority.

This priority is:

Competitive Preference Priority --Promoting Equity in Student Access to Educational Resources and Opportunities (up to 3 points).

Under this priority, an application must demonstrate that the project will be implemented by or in partnership with one or more of the following entities:

(a) Community colleges (as defined in this notice).

(b) Historically Black colleges and universities (as defined in this notice).

(c) Tribal Colleges and Universities (as defined in this notice).

(d) Minority-serving institutions (as defined in this notice).

Definitions: The definition of "modeling and simulation" is from section 891 of the HEA. The definitions of "community college," "Historically Black colleges and universities," "Minority-serving institution," and "Tribal College or University," are from the Supplemental Priorities. The remaining definitions are from 34 CFR 77.1.

Community college means “junior or community college” as defined in section 312(f) of the HEA.

Demonstrates a rationale means a key project component included in the project's logic model is informed by research or evaluation findings that suggest the project component is likely to improve relevant outcomes.

Historically Black colleges and universities means colleges and universities that meet the criteria set out in 34 CFR 608.2.

Logic model (also referred to as a theory of action) means a framework that identifies key project components of the proposed project (*i.e.*, the active “ingredients” that are hypothesized to be critical to achieving the relevant outcomes) and describes the theoretical and operational relationships among the key project components and relevant outcomes.

Note: In developing logic models, applicants may want to use resources such as the Regional Educational Laboratory Program’s (REL Pacific) Education Logic Model Application, available at

<https://ies.ed.gov/ncee/edlabs/regions/pacific/elm.asp>. Other sources

include:

[https://ies.ed.gov/ncee/edlabs/regions/pacific/pdf/REL\\_2014025.pdf](https://ies.ed.gov/ncee/edlabs/regions/pacific/pdf/REL_2014025.pdf),

[https://ies.ed.gov/ncee/edlabs/regions/pacific/pdf/REL\\_2014007.pdf](https://ies.ed.gov/ncee/edlabs/regions/pacific/pdf/REL_2014007.pdf), and

[https://ies.ed.gov/ncee/edlabs/regions/northeast/pdf/REL\\_2015057.pdf](https://ies.ed.gov/ncee/edlabs/regions/northeast/pdf/REL_2015057.pdf).

Minority-serving institution means an institution that is eligible to receive assistance under sections 316 through 320 of part A of title III, under part B of title III, or under title V of the HEA.

Modeling and simulation means a field of study related to the application of computer science and mathematics to develop a level of understanding of the interaction of the parts of a system and of a system as a whole.

Project component means an activity, strategy, intervention, process, product, practice, or policy included in a project. Evidence may pertain to an individual project component or to a combination of project components (e.g., training teachers on instructional practices for English learners and follow-on coaching for these teachers).

Relevant outcome means the student outcome(s) or other outcome(s) the key project component is designed to improve, consistent with the specific goals of the program.

Tribal College or University has the meaning ascribed it in section 316(b)(3) of the HEA.

Program Authority: 20 U.S.C. 1161v; 20 U.S.C. 1138-1138d; and the Consolidated Appropriations Act, 2022 (Pub. L. 117-103).

Note: Projects will be awarded and must be operated in a manner consistent with the nondiscrimination requirements contained in Federal civil rights laws.

Applicable Regulations: (a) The Education Department General Administrative Regulations in 34 CFR parts 75, 77, 79, 82, 84, 86, 97, 98, and 99. (b) The Office of Management and Budget Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement) in 2 CFR part 180, as adopted and amended as regulations of the Department in 2 CFR part 3485. (c) The Uniform Administrative Requirements, Cost

Principles, and Audit Requirements for Federal Awards in 2 CFR part 200, as adopted and amended as regulations of the Department in 2 CFR part 3474. (d) The Supplemental Priorities.

## II. Award Information

Type of Award: Discretionary grant.

Estimated Available Funds: \$7,920,000. Approximately 50 percent of available funds will be used to fund awards under Absolute Priority 1, and approximately 50 percent of available funds will be used to fund awards under Absolute Priority 2.

Contingent upon the availability of funds and the quality of applications, we may make additional awards in subsequent years from the list of unfunded applications from this competition.

Estimated Range of Awards: \$750,000 to \$1,155,000.

Estimated Average Size of Awards: \$866,250.

Maximum Award: We will not make an award exceeding \$1,155,000 for the entire project period of 36 months.

Note: Applicants should set aside sufficient funds to carry out activities related to task force participation. A listing of line-item costs associated with task force activities must include travel for at least two or three grantee representatives for two or three annual meetings to be held in Washington, DC, and/or site visits to organizations using modeling and simulation technologies to help expand awareness, and costs associated with a white paper outlining lessons learned from the enhanced or established modeling and simulation program.

Estimated Number of Awards: 6-9.

Note: The Department is not bound by any estimates in this notice.

Project Period: Up to 36 months.

### III. Eligibility Information

1. Eligible Applicants: A public or private nonprofit institution of higher education, as defined in section 101(a) of the HEA.

2. a. Cost Sharing or Matching: In accordance with the requirements in section 891(c)(1)(D) and (d)(1)(D) of the HEA, each eligible institution receiving a grant under this program must provide, from non-Federal sources, in cash or in-kind, an amount equal to 25 percent of the amount of the grant to carry out the activities supported by the grant.

b. Indirect Cost Rate Information: This program uses an unrestricted indirect cost rate. For more information regarding indirect costs, or to obtain a negotiated indirect cost rate, please see [www2.ed.gov/about/offices/list/ocfo/intro.html](http://www2.ed.gov/about/offices/list/ocfo/intro.html).

c. Administrative Cost Limitation: This program does not include any program-specific limitation on administrative expenses. All administrative expenses must be reasonable and necessary and conform to Cost Principles described in 2 CFR part 200 subpart E of the Uniform Guidance.

3. Subgrantees: A grantee under this competition may not award subgrants to entities to directly carry out project activities described in its application.

### IV. Application and Submission Information

1. Application Submission Instructions: Applicants are required to follow the Common Instructions for Applicants to Department of Education Discretionary Grant Programs, published in the *Federal Register* on December 27, 2021 (86 FR 73264) and available at [www.federalregister.gov/d/2021-27979](http://www.federalregister.gov/d/2021-27979), which contain requirements and information on how to submit an application. Please note that these Common Instructions supersede the version published on February 13, 2019, and, in part, describe the transition from the requirement to register in SAM.gov a DUNS number to the implementation of the UEI. More information on the phase-out of DUNS numbers is available at <https://www2.ed.gov/about/offices/list/fofo/docs/unique-entity-identifier-transition-fact-sheet.pdf>.

2. Submission of Proprietary Information: Given the types of projects that may be proposed in applications for the Modeling and Simulation Program, your application may include business information that you consider proprietary. In 34 CFR 5.11 we define "business information" and describe the process we use in determining whether any of that information is proprietary and, thus, protected from disclosure under Exemption 4 of the Freedom of Information Act (5 U.S.C. 552, as amended). Because we plan to make successful applications available to the public, you may wish to request confidentiality of business information.

Consistent with Executive Order 12600, please designate in your application any information you believe is exempt from disclosure under Exemption 4. In the appropriate Appendix section of your application

under "Other Attachments Form," please list the page number or numbers on which we can find this information. For additional information please see 34 CFR 5.11(c).

3. Intergovernmental Review: This competition is subject to Executive Order 12372 and the regulations in 34 CFR part 79. Information about Intergovernmental Review of Federal Programs under Executive Order 12372 is in the application package for this competition.

4. Funding Restrictions: In accordance with section 891(d)(3) of the HEA, a grant awarded under Absolute Priority 1, Enhancing Modeling and Simulation at IHEs, must be used by an eligible institution to enhance modeling and simulation programs at the institution, which may include-

(a) Expanding the multidisciplinary nature of the institution's modeling and simulation programs;

(b) Recruiting students into the field of modeling and simulation through the provision of fellowships or assistantships;

(c) Creating new courses to complement existing courses and reflect emerging developments in the modeling and simulation field;

(d) Conducting research to support new methodologies and techniques in modeling and simulation; and

(e) Purchasing equipment necessary for modeling and simulation programs.

In accordance with section 891(d)(3) of the HEA, a grant awarded under Absolute Priority 2, Establishing Modeling and Simulation at IHEs,

must be used by an eligible institution to establish modeling and simulation programs at the institution, which may include-

(a) Establishing, or working toward the establishment of, a modeling and simulation program, including a major, minor, career-track, certificate, or concentration program at the eligible institution;

(b) Providing adequate staffing to ensure the successful establishment of the modeling and simulation program, which may include the assignment of full-time dedicated or supportive faculty; and

(c) Purchasing equipment necessary for modeling and simulation programs.

We reference additional regulations outlining funding restrictions in the Applicable Regulations section of this notice.

5. Recommended Page Limit: The application narrative is where you, the applicant, address the selection criteria that reviewers use to evaluate your application. We recommend that you (1) limit the application narrative to no more than 50 pages and (2) use the following standards:

- A "page" is 8.5" x 11", on one side only, with 1" margins at the top, bottom, and both sides.
- Double-space (no more than three lines per vertical inch) all text in the application narrative, including titles, headings, footnotes, quotations, references, and captions, as well as all text in charts, tables, figures, and graphs.
- Use a font that is either 12 point or larger, and no smaller than 10 pitch (characters per inch).

- Use one of the following fonts: Times New Roman, Courier, Courier New, or Arial.

The recommended page limit applies to the application narrative, which is your complete response to the selection criteria and any response to the competitive preference priority. However, the recommended page limit does not apply to the cover sheet; the budget section, including the narrative budget justification; the assurances and certifications; or the one-page abstract, the resumes, the bibliography, or the letters of support.

#### V. Application Review Information

1. Selection Criteria: The selection criteria for this competition are from 34 CFR 75.210. The points assigned to each criterion are indicated in parentheses next to the criterion. An application may earn up to a total of 100 points based on the selection criteria. Applications may receive up to 3 additional points under the competitive preference priority, for a total score of up to 103 points. All applications will be evaluated based on the selection criteria as follows:

(a) Significance. (Maximum 25 points)

(1) The Secretary considers the significance of the proposed project.

(2) In determining the significance of the proposed project, the Secretary considers the following factors:

(i) The extent to which the proposed project is likely to yield findings that may be utilized by other appropriate agencies and organizations. (up to 5 points)

(ii) The extent to which the proposed project involves the development or demonstration of promising new strategies that build on, or are alternatives to, existing strategies. (up to 10 points)

(iii) The extent to which the results of the proposed project are to be disseminated in ways that will enable others to use the information or strategies. (up to 10 points)

(b) Quality of the project design. (Maximum 50 points)

(1) The Secretary considers the quality of the design of the proposed project.

(2) In determining the quality of the design of the proposed project, the Secretary considers the following factors:

(i) The extent to which there is a conceptual framework underlying the proposed research or demonstration activities and the quality of that framework. (up to 10 points)

(ii) The extent to which the proposed activities constitute a coherent, sustained program of training in the field. (up to 10 points)

(iii) The extent to which the proposed project is designed to build capacity and yield results that will extend beyond the period of Federal financial assistance. (up to 10 points)

(iv) The extent to which the proposed project represents an exceptional approach to the priorities established for the competition. (up to 10 points)

(v) The extent to which the proposed project demonstrates a rationale (as defined in this notice). (up to 10 points)

(c) Quality of project personnel. (Maximum 5 points)

(1) The Secretary considers the quality of the personnel who will carry out the proposed project.

(2) In determining the quality of project personnel, the Secretary considers the extent to which the applicant encourages applications for employment from persons who are members of groups that have traditionally been underrepresented based on race, color, national origin, gender, age, or disability. (up to 2 points)

(3) In addition, the Secretary considers the qualifications, including relevant training and experience, of the project director or principal investigator. (up to 3 points)

(d) Adequacy of resources. (Maximum 5 points)

(1) The Secretary considers the adequacy of the resources for the proposed project.

(2) In determining the adequacy of resources for the proposed project, the Secretary considers the adequacy of support, including facilities, equipment, supplies, and other resources, from the applicant organization or the lead applicant organization.

(e) Quality of the management plan. (Maximum 5 points)

(1) The Secretary considers the quality of the management plan for the proposed project.

(2) In determining the quality of the management plan for the proposed project, the Secretary considers the extent to which the time

commitments of the project director and principal investigator and other key project personnel are appropriate and adequate to meet the objectives of the proposed project.

(f) Quality of the project evaluation. (Maximum 10 points)

(1) The Secretary considers the quality of the evaluation to be conducted of the proposed project.

(2) In determining the quality of the evaluation, the Secretary considers the following factors:

(i) The extent to which the methods of evaluation are thorough, feasible, and appropriate to the goals, objectives, and outcomes of the proposed project. (up to 5 points)

(ii) The extent to which the methods of evaluation will provide performance feedback and permit periodic assessment of progress toward achieving intended outcomes. (up to 5 points)

2. Review and Selection Process: We remind potential applicants that in reviewing applications in any discretionary grant competition, the Secretary may consider, under 34 CFR 75.217(d)(3), the past performance of the applicant in carrying out a previous award, such as the applicant's use of funds, achievement of project objectives, and compliance with grant conditions. The Secretary may also consider whether the applicant failed to submit a timely performance report or submitted a report of unacceptable quality.

In addition, in making a competitive grant award, the Secretary requires various assurances, including those applicable to Federal civil rights laws that prohibit discrimination in programs or activities

receiving Federal financial assistance from the Department (34 CFR 100.4, 104.5, 106.4, 108.8, and 110.23).

For this competition, a panel of external reviewers will read, prepare a written evaluation of, and score all eligible applications using the selection criteria and the competitive preference priority, if applicable, provided in this notice. The individual scores of the reviewers will be added and the sum divided by the number of reviewers to determine the peer review score. The Department may use more than one tier of reviews in evaluating grantees. The Department will prepare a rank order of applications based solely on the evaluation of their quality according to the selection criteria and competitive preference priority points.

In the event there are two or more applications with the same final score in the rank order listing, and there are insufficient funds to fully support each of these applications, the Department will apply the following procedure to determine which application or applications will receive an award:

**First Tiebreaker:** The first tiebreaker will be the highest average score for the selection criterion "Quality of the Project Design." If a tie remains, the second tiebreaker will be utilized.

**Second Tiebreaker:** The second tiebreaker will be the highest average score for the selection criterion "Significance." If a tie remains, the third tiebreaker will be utilized.

Third Tiebreaker: The third tiebreaker will be the highest average score for the selection criterion "Project Evaluation." If a tie remains, the fourth tiebreaker will be utilized.

Fourth Tiebreaker: The fourth tiebreaker will be the highest average score for the competitive preference priority.

Fifth Tiebreaker: The fifth tiebreaker will be the application that proposes to provide the highest non-Federal share percentage, or the highest total dollar match if non-Federal share percentages are determined to be equal.

3. Risk Assessment and Specific Conditions: Consistent with 2 CFR 200.206, before awarding grants under this competition, the Department conducts a review of the risks posed by applicants. Under 2 CFR 200.208, the Secretary may impose specific conditions and, under 2 CFR 3474.10, in appropriate circumstances, high-risk conditions on a grant if the applicant or grantee is not financially stable; has a history of unsatisfactory performance; has a financial or other management system that does not meet the standards in 2 CFR part 200, subpart D; has not fulfilled the conditions of a prior grant; or is otherwise not responsible.

4. Integrity and Performance System: If you are selected under this competition to receive an award that over the course of the project period may exceed the simplified acquisition threshold (currently \$250,000), under 2 CFR 200.206(a)(2) we must make a judgement about your integrity, business ethics, and record of performance under Federal awards--that is, the risk posed by you as an applicant--before we make an

award. In doing so, we must consider any information about you that is in the integrity and performance system (currently referred to as the Federal Awardee Performance and Integrity Information System (FAPIIS)), accessible through the System for Award Management. You may review and comment on any information about yourself that a Federal agency previously entered and that is currently in FAPIIS.

Please note that, if the total value of your currently active grants, cooperative agreements, and procurement contracts from the Federal Government exceeds \$10,000,000, the reporting requirements in 2 CFR Part 200, Appendix XII, require you to report certain integrity information to FAPIIS semiannually. Please review the requirements in 2 CFR part 200, Appendix XII, if this grant plus all the other Federal funds you receive exceed \$10,000,000.

5. In General: In accordance with the Office of Management and Budget's guidance located at 2 CFR part 200, all applicable Federal laws, and relevant Executive guidance, the Department will review and consider applications for funding pursuant to this notice inviting applications in accordance with:

(a) Selecting recipients most likely to be successful in delivering results based on the program objectives through an objective process of evaluating Federal award applications (2 CFR 200.205;

(b) Prohibiting the purchase of certain telecommunication and video surveillance services or equipment in alignment with section 889 of the National Defense Authorization Act of 2019 (Pub. L. No. 115-232) (2 CFR 200.216);

(c) Providing a preference, to the extent permitted by law, to maximize use of goods, products, and materials produced in the United States (2 CFR 200.322); and

(d) Terminating agreements in whole or in part to the greatest extent authorized by law if an award no longer effectuates the program goals or agency priorities (2 CFR 200.340).

## VI. Award Administration Information

1. Award Notices: If your application is successful, we notify your U.S. Representative and U.S. Senators and send you a Grant Award Notification (GAN); or we may send you an email containing a link to access an electronic version of your GAN. We may notify you informally, also.

If your application is not evaluated or not selected for funding, we notify you.

2. Administrative and National Policy Requirements: We identify administrative and national policy requirements in the application package and reference these and other requirements in the Applicable Regulations section of this notice.

We reference the regulations outlining the terms and conditions of an award in the Applicable Regulations section of this notice and include these and other specific conditions in the GAN. The GAN also incorporates your approved application as part of your binding commitments under the grant.

3. Open Licensing Requirements: Unless an exception applies, if you are awarded a grant under this competition, you will be required to

openly license to the public grant deliverables created in whole, or in part, with Department grant funds. When the deliverable consists of modifications to pre-existing works, the license extends only to those modifications that can be separately identified and only to the extent that open licensing is permitted under the terms of any licenses or other legal restrictions on the use of pre-existing works. Additionally, a grantee or subgrantee that is awarded competitive grant funds must have a plan to disseminate these public grant deliverables. This dissemination plan can be developed and submitted after your application has been reviewed and selected for funding. For additional information on the open licensing requirements please refer to 2 CFR 3474.20.

4. Reporting: (a) If you apply for a grant under this competition, you must ensure that you have in place the necessary processes and systems to comply with the reporting requirements in 2 CFR part 170 should you receive funding under the competition. This does not apply if you have an exception under 2 CFR 170.110(b).

(b) At the end of your project period, you must submit a final performance report, including financial information, as directed by the Secretary. If you receive a multiyear award, you must submit an annual performance report that provides the most current performance and financial expenditure information as directed by the Secretary under 34 CFR 75.118. The Secretary may also require more frequent performance reports under 34 CFR 75.720(c). For specific requirements on reporting, please go to [www.ed.gov/fund/grant/apply/appforms/appforms.html](http://www.ed.gov/fund/grant/apply/appforms/appforms.html).

5. Performance Measures: For purposes of Department reporting under CFR 75.110, the Department will use the following performance measures to evaluate the success of the MSP:

(a) The number of students enrolled in the established and enhanced modeling and simulation programs, including major, minor, career-track, certificate, and concentration programs.

(b) The number of new modeling and simulation courses in established and enhanced programs developed under the MSP that reflect emerging developments in the modeling and simulation field.

6. Continuation Awards: In making a continuation award under 34 CFR 75.253, the Secretary considers, among other things: whether a grantee has made substantial progress in achieving the goals and objectives of the project; whether the grantee has expended funds in a manner that is consistent with its approved application and budget; and, if the Secretary has established performance measurement requirements, whether the grantee has made substantial progress in achieving the performance targets in the grantee's approved application.

In making a continuation award, the Secretary also considers whether the grantee is operating in compliance with the assurances in its approved application, including those applicable to Federal civil rights laws that prohibit discrimination in programs or activities receiving Federal financial assistance from the Department (34 CFR 100.4, 104.5, 106.4, 108.8, and 110.23).

VII. Other Information

Accessible Format: On request to the program contact person listed under FOR FURTHER INFORMATION CONTACT, individuals with disabilities can obtain this document and a copy of the application package in an accessible format. The Department will provide the requestor with an accessible format that may include Rich Text Format (RTF) or text format (txt), a thumb drive, an MP3 file, braille, large print, audiotape, or compact disc, or other accessible format.

Electronic Access to This Document: The official version of this document is the document published in the *Federal Register*. You may access the official edition of the *Federal Register* and the Code of Federal Regulations at **Error! Hyperlink reference not valid.** At this site you can view this document, as well as all other documents of this Department published in the *Federal Register*, in text or Portable Document Format (PDF). To use PDF you must have Adobe Acrobat Reader, which is available free at the site.

You may also access documents of the Department published in the *Federal Register* by using the article search feature at **Error! Hyperlink reference not valid.** Specifically, through the advanced search feature at this site, you can limit your search to documents published by the Department.

Dated:

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Michelle Asha Cooper,  
*Acting Assistant Secretary  
for Postsecondary Education.*



## VI. PROGRAM AUTHORITY

The Modeling and Simulation Program is authorized under 20 U.S.C. 1161v; 20 U.S.C. 1138-1138d; and the Consolidated Appropriations Act, 2022 (Pub. L. 117-103).

Note: Projects must be awarded and operated in a manner consistent with the nondiscrimination requirements contained in Federal civil rights laws.

Applicable Regulations: (a) The Education Department General Administrative Regulations in 34 CFR parts 75, 77, 79, 82, 84, 86, 97, 98, and 99. (b) The Office of Management and Budget Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement) in 2 CFR part 180, as adopted and amended as regulations of the Department in 2 CFR part 3485. (c) The Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards in 2 CFR part 200, as adopted and amended as regulations of the Department in 2 CFR part 3474. (d) The Supplemental Priorities.

## VII. EXECUTIVE ORDER 12372 INTERGOVERNMENTAL REVIEW OF FEDERAL PROGRAMS

This program falls under the rubric of Executive Order 12372 (Intergovernmental Review of Federal Programs) and the regulations in 34 CFR Part 79. One of the objectives of the Executive order is to strengthen federalism—or the distribution of responsibility between localities, States, and the Federal government—by fostering intergovernmental partnerships. This idea includes supporting processes that State or local governments have devised for coordinating and reviewing proposed Federal financial grant applications.

The process for doing this requires grant applicants to contact State Single Points of Contact for information on how this works. Multi-state applicants should follow procedures specific to each state.

Further information about the State Single Point of Contact process and a list of names by State can be found at:

<https://www.whitehouse.gov/wp-content/uploads/2020/04/SPOC-4-13-20.pdf>.

Absent specific State review programs, applicants may submit comments directly to the Department. All recommendations and comments must be mailed or hand-delivered by the date indicated in the actual application notice to the following address: The Secretary, EO 12372— ALN# 84.116S, U.S. Department of Education, room 7E200, 400 Maryland Avenue, SW., Washington, DC 20202.

Proof of mailing will be determined on the same basis as applications (see 34 CFR 75.102). Recommendations or comments may be hand-delivered until 4:30 p.m. (Eastern Time) on the closing date indicated in this notice.

**Important note:** The above address is not the same address as the one to which the applicant submits its completed applications. **Do not send applications to the above address.**

## VIII. GENERAL EDUCATION PROVISIONS ACT (GEPA) SECTION 427

Section 427 requires each applicant to include in its application a description of the steps the applicant proposes to take to ensure equitable access to, and participation in, its federally-assisted program for students, teachers, and other program beneficiaries with special needs.

This section allows applicants discretion in developing the required description. The statute highlights six barriers that can impede equitable access or participation that you may address: gender, race, national origin, color disability, or age.

A general statement of an applicant's nondiscriminatory hiring policy is not sufficient to meet this requirement. Applicants must identify potential barriers and explain steps they will take to overcome these barriers.

**Notes:**

- Applicants are required to address this provision by uploading a statement to the ED GEPA 427 Form that must be downloaded from [Grants.gov](https://www.grants.gov).
- All applicants must include information

## IX. GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

### What is GPRA?

The Government Performance and Results Act of 1993 (GPRA) is a straightforward statute that requires all federal agencies to manage their activities with attention to the consequences of those activities. Each agency is to clearly state what it intends to accomplish, identify the resources required, and periodically report their progress to the Congress. In so doing, it is expected that the GPRA will contribute to improvements in accountability for the expenditures of public funds, improve Congressional decision-making through more objective information on the effectiveness of federal programs, and promote a new government focus on results, service delivery, and customer satisfaction.

### How has the Department of Education Responded to the GPRA Requirements?

As required by GPRA, the Department of Education has prepared a strategic plan for 2018-2022. This plan reflects the Department's priorities and integrates them with its mission and program authorities and describes how the Department will work to improve education for all children and adults in the U.S. The Department's goals, as listed in the plan, are:

**Goal 1:** *Support state and local efforts to improve learning outcomes for all P-12 students in every community.*

**Goal 2:** *Expand postsecondary educational opportunities, improve outcomes to foster economic opportunity and promote an informed thoughtful and productive citizenry.*

**Goal 3:** *Strengthen the quality, access and use of federal data through better management, increased primary protections and transparency.*

**Goal 4:** *Reform the effectiveness, efficiency and accountability of the Department.*

### What are the performance indicators for the Modeling and Simulation Program?

The performance measures for the Modeling and Simulation Program are part of the Department's plan for meeting Goal 2. The specific goal for the program is to promote the enhancement or development of modeling and simulation degree and certificate programs.

For purposes of Department reporting under CFR 75.110, the Department will use the following performance measures to evaluate the success of the MSP.

The performance measures are:

- (a) The number of students enrolled in the established and enhanced modeling and simulation programs, including major, minor, career-track, certificate, and concentration programs; and
- (b) The number of new modeling and simulation courses in established and enhanced programs developed under the MSP that reflect emerging developments in the modeling and simulation field.

### How does the Department of Education determine whether performance goals have been met?

An applicant that receives a grant award will be required to submit Annual Performance Reports (APRs) and a Final Performance Report (FPR) as a condition of the award. The reports will document the extent to which project-specific goals and objectives are met. As part of the reporting process, grantees will also respond to the Modeling and Simulation Program-specific measures, to the extent that they are able, based on their project design. As such, applicants should consider the Modeling and Simulation Program measures as they are developing their evaluation plan.

The most recent version of this program's annual performance report can be viewed at <https://hepis.ed.gov>. To access your institution's annual performance reports, go to the Contact Us tab to make the request.

## X. INSTRUCTIONS FOR COMPLETING THE APPLICATION

The application for the Modeling and Simulation Program has been divided into four parts. Your submitted application should be organized in the same manner as the parts appearing in this section. Please read the instructions carefully on the following pages before preparing and submitting your application. The standard forms for this grant application package are found on Grants.gov. The parts are as follows:

### **Part I: SF 424 Forms**

- Application for Federal Assistance – (SF 424)
- Department of Education Supplemental Information Form for SF 424

### **Note:**

- Applicants must complete the Standard Form (SF) 424 first because some of the information provided here is automatically inserted into other sections of the Grants.gov application package.
- Do not attach any narratives, supporting files, or application components to the SF 424. Although the form accepts attachments, the Department of Education will only review materials/files attached to the forms listed below.

### **Part II: ED Form 524**

- Department of Education Budget Summary Form – (ED Form 524)  
Sections A, B & C

### **Note:**

- The non-federal funds that will be supplied by the institution should be included in Section B.
- In accordance with the requirements in section 891(c)(1)(D) and (d)(1)(D) of the HEA, each eligible institution receiving a grant under this program must provide, from non-Federal sources, in cash or in-kind, an amount equal to 25 percent of the amount of the grant to carry out the activities supported by the grant.
- The detailed Budget Narrative will be included in the “Budget Narrative Attachment Form.”
- The detailed Budget Narrative is for each year of the budget period.
- Refer to “Instructions for ED 524 Budget Summary Form, Section C” for additional instructions on the Budget Narrative.

### **Note:**

- Applicants are required to prepare a detailed and comprehensive Budget Narrative for all proposed line items listed in ED Form 524 (Sections A and B). This narrative should be attached as the “Budget Narrative Attachment Form.”

### **Part III: Abstract, Project Narrative, and Other Attachments Forms**

- ED Abstract Form
- Project Narrative Attachment Form
- Budget Narrative Attachment Form
- Other Attachments Form

#### **Note:**

- You should include a Table of Contents as the first page of the Project Narrative.
- Refer to the NIA for recommendations on the page limit and format for the project narrative.

The **ED Abstract Form** is where you provide a one-page abstract narrative that provides an overview of the proposed project.

#### **Note:**

- On the “ED Abstract Form” the abstract should clearly indicate a response to the absolute priority, and, if applicable, the competitive preference priority.
- The abstract narrative should identify the target population (e.g., faculty, staff, students), the services that will be provided and the proposed activities to be conducted during the 3-year performance period.

The **Project Narrative Attachment Form** includes the narrative sections addressing the program selection criteria that will be used to evaluate applications submitted for this competition. A Table of Contents should be included as the first page of the Project Narrative. This section has page limit recommendations listed in the NIA. Responses to the Absolute Priority should be included in this section. Additionally, for those responding to the Competitive Preference Priority, the response should be clearly marked as Competitive Preference Priority. This priority should also be included as part of the project narrative.

**The Budget Narrative Attachment Form** is where you provide an itemized budget breakdown, and justification by project year, for each budget category (line item) listed in Sections A and B of ED Form 524.

The **Other Attachments Form** is where you attach the Curriculum Vitae (CV) or résumés of project personnel/ participants, letters of commitment and support, business information that you consider proprietary, and the bibliography or references, if applicable.

#### **Note:**

- It is recommended that the CVs/résumés be no more than three (3) pages.
- Attach all CVs/résumés as a single document.
- Attach all letters of commitment and support as a single document.

### **Part IV: Assurances and Certifications**

- GEPA Section 427 Requirement
- Disclosure of Lobbying Activities (SF-LLL) (Optional)
- Grants.gov Lobbying Form (ED form 80-0013)

**\*All attachments must be in a .PDF format only. Other types of files will not be accepted.\***

**Grants.gov Uploading Requirements:**

You must upload any narrative sections and all other attachments to your application as files in a PDF (Portable Document) read-only, non-modifiable format. Do not upload interactive or fillable PDF files. If you upload a file type other than a read-only, non-modifiable PDF or submit a password-protected file, we will not review that material.

## PART I

### Instructions for SF 424

Public reporting burden for this collection of information is estimated to average 60 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

This is a standard form required for use as a cover sheet for submission of pre-applications and applications and related information under discretionary programs. Some of the items are required and some are optional at the discretion of the applicant or the federal agency (agency). Required fields on the form are identified with an asterisk (\*) and are also specified as “Required” in the instructions below. In addition to these instructions, applicants must consult agency instructions to determine other specific requirements.

Item	Entry:	Item:	Entry:
1.	<b>Type of Submission:</b> (Required) Select one type of submission in accordance with agency instructions. <ul style="list-style-type: none"> <li>• Pre-application</li> <li>• Application</li> <li>• Changed/Corrected Application – Check if this submission is to change or correct a previously submitted application. Unless requested by the agency, applicants may not use this form to submit changes after the closing date.</li> </ul>	10.	<b>Name of Federal Agency:</b> (Required) Enter the name of the federal agency from which assistance is being requested with this application.
		11.	<b>Catalog of Federal Domestic Assistance Number/Title:</b> Enter the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested, as found in the program announcement, if applicable.
2.	<b>Type of Application:</b> (Required) Select one type of application in accordance with agency instructions. <ul style="list-style-type: none"> <li>• New – An application that is being submitted to an agency for the first time.</li> <li>• Continuation - An extension for an additional funding/budget period for a project with a projected completion date. This can include renewals.</li> <li>• Revision - Any change in the federal government’s financial obligation or contingent liability from an existing obligation. If a revision, enter the appropriate letter(s). More than one may be selected. If "Other" is selected, please specify in text box provided.</li> </ul> <p>A. Increase Award  B. Decrease Award  C. Increase Duration  D. Decrease Duration  E. Other (specify)</p>	12.	<b>Funding Opportunity Number/Title:</b> (Required) Enter the Funding Opportunity Number (FON) and title of the opportunity under which assistance is requested, as found in the program announcement.
		13.	<b>Competition Identification Number/Title:</b> Enter the competition identification number and title of the competition under which assistance is requested, if applicable.
		14.	<b>Areas Affected by Project:</b> List the areas or entities using the categories (e.g., cities, counties, states etc.) specified in agency instructions. Use the continuation sheet to enter additional areas, if needed.

3.	<b>Date Received:</b> Leave this field blank. This date will be assigned by the Federal agency.	15.	<b>Descriptive Title of Applicant's Project:</b> (Required) Enter a brief descriptive title of the project. If appropriate, attach a map showing project location (e.g., construction or real property projects). For pre-applications, attach a summary description of the project.
4.	<b>Applicant Identifier:</b> Enter the entity identifier assigned by the Federal agency, if any, or the applicant's control number if applicable.		
5a.	<b>Federal Entity Identifier:</b> Enter the number assigned to your organization by the federal agency, if any.	16.	<b>Congressional Districts Of:</b> 16a. (Required) Enter the applicant's congressional district. 16b. Enter all district(s) affected by the program or project. Enter in the format: 2 characters state abbreviation – 3 characters district number, e.g., CA-005 for California 5th district, CA-012 for California 12 district, NC-103 for North Carolina's 103 district.  If all congressional districts in a state are affected, enter "all" for the district number, e.g., MD-all for all congressional districts in Maryland.  If nationwide, i.e. all districts within all states are affected, enter US-all.  If the program/project is outside the US, enter 00-000.
5b.	<b>Federal Award Identifier:</b> For new applications, enter NA. For a continuation or revision to an existing award, enter the previously assigned federal award identifier number. If a changed/corrected application, enter the federal identifier in accordance with agency instructions.		
6.	<b>Date Received by State:</b> Leave this field blank. This date will be assigned by the state, if applicable.		
7.	<b>State Application Identifier:</b> Leave this field blank. This identifier will be assigned by the state, if applicable.		
8.	<b>Applicant Information:</b> Enter the following in accordance with agency instructions:		
	<b>a. Legal Name:</b> (Required) Enter the legal name of applicant that will undertake the assistance activity. This is the organization that has registered with the Central Contractor Registry (CCR). Information on registering with CCR may be obtained by visiting <a href="http://www.Grants.gov">www.Grants.gov</a> .	17.	<b>Proposed Project Start and End Dates:</b> (Required) Enter the proposed start date and end date of the project.
	<b>b. Employer/Taxpayer Number (EIN/TIN):</b> (Required) Enter the employer or taxpayer identification number (EIN or TIN) as assigned by the Internal Revenue Service. If your organization is not in the US, enter 44-4444444.	18.	<b>Estimated Funding:</b> (Required) Enter the amount requested, or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines, as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses.
	<b>c. UEI:</b> (Required) Enter the organization's UEI received from SAM. The UEI is a unique 12 character organization identifier. Information on registering with System for Award Management (SAM.gov) may be obtained by visiting the <a href="http://Grants.gov">Grants.gov</a> website	19.	<b>Is Application Subject to Review by State Under Executive Order 12372 Process?</b> (Required) Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process. Select the appropriate box. If "a." is selected, enter the date the application was submitted to the State.

	<p><b>d. Address:</b> Enter address: Street 1 (Required); city (Required); County/Parish, State (Required if country is US), Province, Country (Required), 9-digit zip/postal code (Required if country US).</p>	20.	<p><b>Is the Applicant Delinquent on any Federal Debt?</b></p> <p>(Required) Select the appropriate box. This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of federal debt include; but, may not be limited to: delinquent audit disallowances, loans and taxes. If yes, include an explanation in an attachment.</p>		
	<p><b>e. Organizational Unit:</b> Enter the name of the primary organizational unit, department or division that will undertake the assistance activity.</p> <hr/> <p><b>f. Name and contact information of person to be contacted on matters involving this application:</b> Enter the first and last name (Required); prefix, middle name, suffix, title. Enter organizational affiliation if affiliated with an organization other than that in 7.a. Telephone number and email (Required); fax number.</p>	21.	<p><b>Authorized Representative:</b> To be signed and dated by the authorized representative of the applicant organization. Enter the first and last name (Required); prefix, middle name, suffix. Enter title, telephone number, email (Required); and fax number. A copy of the governing body's authorization for you to sign this application as the official representative must be on file in the applicant's office. (Certain federal agencies may require that this authorization be submitted as part of the application.)</p>		
9.	<p>Type of Applicant: (Required) Select up to three applicant type(s) in accordance with agency instructions.</p> <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;"> <p>A. State Government</p> <p>B. County Government</p> <p>C. City or Township Government</p> <p>D. Special District Government</p> <p>E. Regional Organization</p> <p>F. U.S. Territory or Possession</p> <p>G. Independent School District</p> <p>H. Public/State Controlled Institution of Higher Education</p> <p>I. Indian/Native American Tribal Government (Federally Recognized)</p> <p>J. Indian/Native American Tribal Government (Other than Federally Recognized)</p> <p>K. Indian/Native American Tribally Designated Organization</p> <p>L. Public/Indian Housing Authority</p> </td> <td style="vertical-align: top; width: 50%;"> <p>M. Nonprofit</p> <p>N. Private Institution of Higher Education</p> <p>O. Individual</p> <p>P. For-Profit Organization (Other than Small Business)</p> <p>Q. Small Business</p> <p>R. Hispanic-serving Institution</p> <p>S. Historically Black Colleges and Universities (HBCUs)</p> <p>T. Tribally Controlled Colleges and Universities (TCCUs)</p> <p>U. Alaska Native and Native Hawaiian Serving Institutions</p> <p>V. Non-US Entity</p> <p>W. Other (specify)</p> </td> </tr> </table>	<p>A. State Government</p> <p>B. County Government</p> <p>C. City or Township Government</p> <p>D. Special District Government</p> <p>E. Regional Organization</p> <p>F. U.S. Territory or Possession</p> <p>G. Independent School District</p> <p>H. Public/State Controlled Institution of Higher Education</p> <p>I. Indian/Native American Tribal Government (Federally Recognized)</p> <p>J. Indian/Native American Tribal Government (Other than Federally Recognized)</p> <p>K. Indian/Native American Tribally Designated Organization</p> <p>L. Public/Indian Housing Authority</p>	<p>M. Nonprofit</p> <p>N. Private Institution of Higher Education</p> <p>O. Individual</p> <p>P. For-Profit Organization (Other than Small Business)</p> <p>Q. Small Business</p> <p>R. Hispanic-serving Institution</p> <p>S. Historically Black Colleges and Universities (HBCUs)</p> <p>T. Tribally Controlled Colleges and Universities (TCCUs)</p> <p>U. Alaska Native and Native Hawaiian Serving Institutions</p> <p>V. Non-US Entity</p> <p>W. Other (specify)</p>		
<p>A. State Government</p> <p>B. County Government</p> <p>C. City or Township Government</p> <p>D. Special District Government</p> <p>E. Regional Organization</p> <p>F. U.S. Territory or Possession</p> <p>G. Independent School District</p> <p>H. Public/State Controlled Institution of Higher Education</p> <p>I. Indian/Native American Tribal Government (Federally Recognized)</p> <p>J. Indian/Native American Tribal Government (Other than Federally Recognized)</p> <p>K. Indian/Native American Tribally Designated Organization</p> <p>L. Public/Indian Housing Authority</p>	<p>M. Nonprofit</p> <p>N. Private Institution of Higher Education</p> <p>O. Individual</p> <p>P. For-Profit Organization (Other than Small Business)</p> <p>Q. Small Business</p> <p>R. Hispanic-serving Institution</p> <p>S. Historically Black Colleges and Universities (HBCUs)</p> <p>T. Tribally Controlled Colleges and Universities (TCCUs)</p> <p>U. Alaska Native and Native Hawaiian Serving Institutions</p> <p>V. Non-US Entity</p> <p>W. Other (specify)</p>				

## PART I

### Instructions for Department of Education Supplemental Information for SF 424

**1. Project Director.** Name, address, telephone and fax numbers, and e-mail and alternate email addresses of the Project Director to be contacted on matters involving this application. Enter Project Director's level of effort (the percentage of time devoted to the grant). Items marked with an asterisk (\*) are mandatory.

**2. New Potential Grantee or Novice Applicant.** If applicable, for (a), check "Yes" if you meet the definition for new potential grantees or novice applicants specified in the program competition's notice inviting applications (NIA) and included on the attached page entitled "Definitions for U.S. Department of Education Supplemental Information for the SF-424". By checking "Yes" the applicant certifies that it meets the new potential grantee or novice applicant requirements. Check "No" if you do not meet the definition for new potential grantees or novice applicants. For (b), if the program competition NIA is giving competitive preference points for new potential grantees or novice applicants, indicate how many points you are claiming for your application. The NIA will indicate how many are available depending on the design of the competition. Some competitions may provide more than one category of new potential grantees with differing levels of points.

**3. Qualified Opportunity Zones.** If applicable, provide the Qualified Opportunity Zones (QOZ) census tract number(s) if the NIA includes a QOZ Priority in which you propose to either provide services in QOZ(s) or are located in a QOZ.

**4. Human Subjects Research.** (See I. A. "Definitions" in attached page entitled "Definitions for U.S. Department of Education Supplemental Information for the SF-424 form.") **4a. If Not Human Subjects Research.** Check "No" if research activities involving human subjects are not planned at any time during the proposed project period. The remaining parts of Item 3 are then not applicable.

**4a. If Not Human Subjects Research.** Check "No" if research activities involving human subjects are not planned at any time during the proposed project period. The remaining parts of Item 3 are then not applicable.

**4a. If Human Subjects Research.** Check "Yes" if research activities involving human subjects are planned at any time during the proposed project period, either at the applicant organization or at any other performance site or collaborating institution. Check "Yes" even if the research is exempt from the regulations for the protection of human subjects. (See I. B. "Exemptions" in attached page entitled "Definitions for U.S. Department of Education Supplemental Information for the SF-424 Application for Federal Assistance.")

**4b. If Human Subjects Research is Exempt from the Human Subjects Regulations.** Check "Yes" if all the research activities proposed are designated to be exempt from the regulations. Check the exemption number(s) corresponding to one or more of the eight exemption categories (Regulation revised in 2018 and became effective in 2019) listed in I. B. "Exemptions." In addition, follow the instructions in II. A. "Exempt Research Narrative" in the attached page entitled "Definitions for U.S. Department of Education Supplemental Information for the SF-424 Application for Federal Assistance."

**4b. If Human Subjects Research is Not Exempt from Human Subjects Regulations.** Check "No" if some or all of the planned research activities are covered (not exempt). In addition, follow the instructions in II. B. "Nonexempt Research Narrative" in the attached page entitled "Definitions for U.S. Department of Education Supplemental Information for the SF-424 Application for Federal Assistance."

**4b. Human Subjects Assurance Number.** If the applicant has an approved Federal Wide Assurance (FWA) on file with the Office for Human Research Protections (OHRP), U.S. Department of Health and Human Services, that covers the specific activity, insert the number in the space provided. **(A list of current FWAs is available at: <http://ohrp.cit.nih.gov/search/search.aspx?styp=bsc>.)** If the applicant does not have an approved assurance on file with OHRP, enter “None.” In this case, the applicant, by signature on the SF-424, is declaring that it will comply with 34 CFR part 97 and proceed to obtain the human subjects assurance upon request by the designated ED official. If the application is recommended/selected for funding, the designated ED official will request that the applicant obtain the assurance within 30 days after the specific formal request.

**4c.** If applicable, please attach your “Exempt Research” or “Nonexempt Research” narrative to your submission of the U.S. Department of Education Supplemental Information for the SF-424 form as instructed in item II, “Instructions for Exempt and Nonexempt Human Subjects Research Narratives” in the attached page entitled “Definitions for U.S. Department of Education Supplemental Information for the SF-424 Application for Federal Assistance.”

**Note about Institutional Review Board Approval.** ED does not require certification of Institutional Review Board approval with the application. However, if an application that involves non-exempt human subjects research is recommended/selected for funding, the designated ED official will request that the applicant obtain and send the certification to ED within 30 days after the formal request.

**No covered human subjects research can be conducted until the study has ED clearance for protection of human subjects in research.**

**Public Burden Statement:**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. Public reporting burden for this collection of information is estimated to average 20 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The obligation to respond to this collection is required to obtain or retain benefit (20 USC 3474 General Education Provisions Act). Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the U.S. Department of Education, 400 Maryland Ave., SW, Washington, DC 20210-4537 or email [ICDocketMgr@ed.gov](mailto:ICDocketMgr@ed.gov) and reference the OMB Control Number 1894-0007. Note: Please do not return the completed ED SF 424 Supplemental Form to this address.

# PART I

## Definitions for U.S. Department of Education Supplemental Information for the SF-424

### Definitions:

#### Novice Applicant (See 34 CFR 75.225)

For discretionary grant programs, novice applicant means any applicant for a grant from ED that—

- Has never received a grant or subgrant under the program from which it seeks funding;
- Has never been a member of a group application, submitted in accordance with 34 CFR 75.127-75.129, that received a grant under the program from which it seeks funding; and
- Has not had an active discretionary grant from the Federal government in the five years before the deadline date for applications under the program. For the purposes of this requirement, a grant is active until the end of the grant's project or funding period, including any extensions of those periods that extend the grantee's authority to obligate funds.

In the case of a group application submitted in accordance with 34 CFR 75.127-75.129, a group includes only parties that meet the requirements listed above.

## PROTECTION OF HUMAN SUBJECTS IN RESEARCH

### I. Definitions and Exemptions

#### A. Definitions.

A research activity involves human subjects if the activity is research, as defined in the Department's regulations, and the research activity will involve use of human subjects, as defined in the regulations.

##### —Research

The ED Regulations for the Protection of Human Subjects, Title 34, Code of Federal Regulations, Part 97, define research as “a systematic investigation, including research development, testing and evaluation, designed to develop or contribute to generalizable knowledge.” *If an activity follows a deliberate plan whose purpose is to develop or contribute to generalizable knowledge it is research.* Activities which meet this definition constitute research whether or not they are conducted or supported under a program that is considered research for other purposes. For example, some demonstration and service programs may include research activities.

##### —Human Subject

The regulations define human subject as “a living individual about whom an investigator (whether professional or student) conducting research obtains (i) information or biospecimens through intervention or interaction with the individual and uses through intervention or interaction with the individual and uses, studies, or analyzes the information or biospecimens, or (ii) obtains, uses, studies, analyzes, or generate identifiable private information or identifiable biospecimens.”

*If an activity involves obtaining information about a living person by manipulating that person or that person's environment, as might occur when a new instructional technique is tested, or by communicating or interacting with the individual, as occurs with surveys and interviews, the definition of human subject is met. If an activity involves obtaining*

*private information about a living person in such a way that the information can be **directly or indirectly** linked to that individual), the definition of human subject is met.*

Private information includes information about behavior that occurs in a context in which an individual can reasonably expect that no observation or recording is taking place, and information which has been provided for specific purposes by an individual and which the individual can reasonably expect will not be made public (for example, a school health record).

## **B. Exemptions.**

Research activities in which the **only** involvement of human subjects will be in one or more of the following eight categories of **exemptions** are not covered by the regulations:

(1) Research conducted in established or commonly accepted educational settings, that specifically involves normal educational practices that are not likely to adversely impact students' opportunity to learn required educational content or the assessment of educators who provide instruction. This includes most research on regular and special education instructional strategies, and research on the effectiveness of or the comparison among instructional techniques, curricula, or classroom management methods. *If an educational practice is being introduced to the site and is not widely used for similar populations, it is not covered by this exemption.*

(2) Research that only includes interactions involving educational tests (cognitive, diagnostic, aptitude, achievement), survey procedures, interview procedures or observation of public behavior (including visual or auditory recordings) if at least one of the following criteria is met: (i) the information obtained is recorded by the investigator in such a manner that the identity of the human subjects cannot readily be ascertained, directly or through identifiers linked to the subjects; (ii) Any disclosure of the human subjects' responses outside the research would not reasonably place the subjects at risk of criminal or civil liability or be damaging to the subjects' financial standing, employability, educational advancement or reputation; or (iii) the information obtained is recorded by the investigator in such a manner that the identity of the human subjects can readily be ascertained, directly or through identifiers linked to the subjects, and an IRB conducts a "limited IRB review" to make the determinations required by 34 CFR 97.111(a)(7).

*If the subjects are children, exemption 2 applies only to research involving educational tests and observations of public behavior when the investigator(s) do not participate in the activities being observed.*

*Exemption 2 does not apply if children are surveyed or interviewed or if the research involves observation of public behavior and the investigator(s) participate in the activities being observed.* Children are defined as persons who have not attained the legal age for consent to treatments or procedures involved in the research, under the applicable law or jurisdiction in which the research will be conducted.

(3) Research involving benign behavioral interventions in conjunction with the collection of information from an adult subject through verbal or written responses (including data entry) or audiovisual recording if the subject prospectively agrees to the intervention and information collection and at least one of the following criteria is met: (A) The information obtained is recorded by the investigator in such a manner that the identity of the human subjects cannot readily be ascertained directly or through identifiers linked to the subjects; (B) Any disclosure of the human subjects' responses outside the research would not reasonably place the subjects at risk of criminal or civil liability or be damaging to the subject' financial standing, employability, educational advancement or reputation; or (C) The information obtained is recorded by the investigator in such a manner that the identity of the human subjects can readily be ascertained, directly or through identifiers linked to the subjects, and an IRB conducts a limited IRB review to make the determination required by 34 CFR 97.111(a)(7).

For the purpose of this provision, benign behavioral interventions are brief in duration, harmless, painless, not physically invasive, not likely to have a significant adverse lasting impact on the subjects, and the investigator has no reason to think the subjects will find the interventions offensive or embarrassing. Provided all such criteria are met, examples of such benign behavioral interventions would include having the subject play an online game, having them solve puzzles under various noise conditions, or having them decide how to allocate a nominal amount of received cash between themselves and someone else.

If the research involves deceiving the subjects regarding the nature or purposes of the research, this exemption is not applicable unless the subject authorizes the deception through a prospective agreement to participate in research in circumstances in which the subject is informed that he or she will be unaware of or misled regarding the nature or purposes of the research.

(4) Secondary Research for which Consent is not required. Secondary research uses of identifiable private information or identifiable biospecimens, if at least one of the following criteria is met: (i) The identifiable private information or identifiable biospecimens are publicly available; (ii) Information, which may include information about biospecimens, is recorded by the investigator in such a manner that the identity of the human subjects cannot readily be ascertained directly or through identifiers linked to the subjects, the investigator does not contact the subjects, and the investigator will not re-identify subjects; (iii) the research involves only information collection and analysis involving the investigators' use of identifiable health information when that use is regulated under 45 CFR parts 160 and 164, subparts A and E, for the purposes of "health care operations" or "research" as those terms are defined at 45 CFR 164.501 or for "public health activities and purposes" as described under 45 CFR 164.512 (b); or (iv) The research is conducted by, or on behalf of, a Federal department or agency using government-generated or government-collected information obtained for nonresearch activities, if the research generates identifiable private information that is or will be maintained on information technology that is subject to and in compliance with section 208(b) of the E-Government Act of 2002, 44 USC 3501 note, if all of the identifiable private information collected, used or generated as part of the activity will be maintained in systems of records subject to the Privacy Act of 1974, 5 USC 552a, and, if applicable, the information used in the research was collected subject to the Paperwork Reduction Act of 1995, 44 USC 3501 et seq.

(5) Research and demonstration projects that are conducted or supported by a Federal department or agency, or otherwise subject to the approval of department or agency heads (or otherwise subject to the approval of department or agency heads (or the approval of the heads of bureaus or other subordinate agencies that have been delegated authority to conduct the research and demonstration projects), and that are designed to study, evaluate, improve, or otherwise examine public benefit or service programs, including procedures for obtaining benefits or services under those programs, possible changes in or alternative to those programs or procedures, or possible changes in methods or levels of payment for benefits or services under those programs. Such projects include, but are not limited to, internal studies by Federal employees, and studies under contracts or consulting arrangements, cooperative agreements, or grants. Exempt projects also include waivers of otherwise mandatory requirements using authorities such as sections 1115 and 1115A of the Social Security Act as amended.

Each Federal department or agency conducting or supporting the research and demonstration projects must establish, on a publicly accessible Federal website or in such other manner as the department or agency head may determine, a list of the research and demonstration projects that the Federal department or agency conducts or supports under this provision. The research or demonstration project must be published on this list prior to commencing the research involving human subjects.

(6) Taste and food quality evaluation and consumer acceptance studies, (a) if wholesome foods without additives are consumed or (b) if a food is consumed that contains a food ingredient at or below the level and for a use found to be safe, or agricultural chemical or environmental contaminant at or below the level found to be safe, by the Food and Drug Administration or approved by the Environmental Protection Agency or the Food Safety and Inspection Service of the U.S. Department of Agriculture.

(7) Storage or Maintenance for Secondary Research for which Broad Consent is required. Storage or maintenance of identifiable private information or identifiable biospecimens for potential secondary research use if an IRB conducts a limited IRB review and makes the determinations requires by 34 CFR 97.111(a)(8).

(8) Secondary Research for which Broad Consent is Required. Research involving the use of identifiable private information or identifiable biospecimens for secondary research use if the following criteria are met: (i) Broad Consent for the storage, maintenance and secondary research use of the identifiable private information or identifiable biospecimens was obtained in accordance with 34 CFR 97.116(a) (1)-(4), (a) (6) and (d); (ii) Documentation of informed consent or waiver of documentation of consent was obtained in accordance with 34 CFR 97.117. (iii) an IRB conducts a limited IRB

review and makes the determination that the research to be conducted is within the scope of the broad consent referenced in paragraph (d)(8)(i) of this section; and (iv) The investigator does not prevent an investigator from abiding by any legal requirements to return individual research results.

## **II. Instructions for Exempt and Nonexempt Human Subjects Research Narratives**

If the applicant marked “Yes” for Item 3.b. of the U.S. Department of Education Supplemental Information for the SF 424, the applicant must attach a human subjects “exempt research” or “nonexempt research” narrative to the U.S. Department of Education Supplemental Information for the SF-424 form. If you have multiple projects, include information about each, labeling the responses as to the project they address. For applications that include multiple research projects this can be done in a single narrative or in more than one narrative as appropriate.

### **A. Exempt Research Narrative.**

If you marked “Yes” for item 3.b. and designated exemption numbers(s), attach the “exempt research” narrative to the U.S. Department of Education Supplemental Information for the SF-424. The narrative must contain sufficient information about the involvement of human subjects in the proposed research to allow a determination by ED that the designated exemption(s) are appropriate. The narrative must be succinct.

### **B. Nonexempt Research Narrative.**

If you marked “No” for item 3.b. you must attach the “nonexempt research” narrative to the U.S. Department of Education Supplemental Information for the SF-424. The narrative must address the following seven points. Although no specific page limitation applies to this section of the application, be succinct.

- (1) **Human Subjects Involvement and Characteristics:** Provide a detailed description of the proposed involvement of human subjects. Describe the characteristics of the subject population, including their anticipated number, age range, and health status. Identify the criteria for inclusion or exclusion of any subpopulation. Explain the rationale for the involvement of special classes of subjects, such as children, children with disabilities, adults with disabilities, persons with mental disabilities, pregnant women, prisoners, institutionalized individuals, or others who are likely to be vulnerable
- (2) **Sources of Materials:** Identify the sources of research material obtained from individually identifiable living human subjects in the form of specimens, records, or data. Indicate whether the material or data will be obtained specifically for research purposes or whether use will be made of existing specimens, records, or data.
- (3) **Recruitment and Informed Consent:** Describe plans for the recruitment of subjects and the consent procedures to be followed. Include the circumstances under which consent will be sought and obtained, who will seek it, the nature of the information to be provided to prospective subjects, and the method of documenting consent. State if the Institutional Review Board (IRB) has authorized a modification or waiver of the elements of consent or the requirement for documentation of consent.
- (4) **Potential Risks:** Describe potential risks (physical, psychological, social, legal, or other) and assess their likelihood and seriousness. Where appropriate, describe alternative treatments and procedures that might be advantageous to the subjects.
- (5) **Protection Against Risk:** Describe the procedures for protecting against or minimizing potential risks, including risks to confidentiality, and assess their likely effectiveness. Where appropriate, discuss provisions for ensuring necessary medical or professional intervention in the event of adverse effects to the subjects. Also, where appropriate, describe the provisions for monitoring the data collected to ensure the safety of the subjects.
- (6) **Importance of the Knowledge to be Gained:** Discuss the importance of the knowledge gained or to be gained as a result of the proposed research. Discuss why the risks to subjects are reasonable in relation to the anticipated benefits to subjects and in relation to the importance of the knowledge that may reasonably be expected to result.
- (7) **Collaborating Site(s):** If research involving human subjects will take place at collaborating site(s) or other performance site(s), name the sites and briefly describe their involvement or role in the research.

*Copies of the Department of Education's Regulations for the Protection of Human Subjects, 34 CFR Part 97 and other pertinent materials on the protection of human subjects in research are available from the Office of the Chief Financial Officer, U.S. Department of Education, Washington, D.C. 20202-4331, telephone: (202) 245-8090, and on the U.S. Department of Education's Protection of Human Subjects in Research Web Site:  
<http://www.ed.gov/about/offices/list/ocfo/humansub.html>*

NOTE: The **State Applicant Identifier** on the SF-424 is for State Use only. Please complete it on the SF-424 in the upper right corner of the form (if applicable).

## PART II

### Instructions for ED 524 Budget Summary Form

#### **General Instructions**

This form is used to apply to individual U.S. Department of Education (ED) discretionary grant programs. Unless directed otherwise, provide the same budget information for each year of the multi-year funding request. Pay attention to applicable program specific instructions, if attached. You may access the Education Department General Administrative Regulations cited within these instructions at:

<http://www.ed.gov/policy/fund/reg/edgarReg/edgar.html>.

You may access requirements from 2 CFR 200, “Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards” cited within these instructions at:

<https://www.federalregister.gov/articles/2013/12/26/2013-30465/uniform-administrative-requirements-cost-principles-and-audit-requirements-for-federal-awards>.

**You must consult with your Business Office prior to submitting this form.**

#### **Section A - Budget Summary**

##### **U.S. Department of Education Funds**

All applicants must complete Section A and provide a break-down by the applicable budget categories shown in lines 1-11.

Lines 1-11, columns (a)-(e): For each project year for which funding is requested, show the total amount requested for each applicable budget category.

Lines 1-11, column (f): Show the multi-year total for each budget category. If funding is requested for only one project year, leave this column blank.

Line 12, columns (a)-(e): Show the total budget request for each project year for which funding is requested.

Line 12, column (f): Show the total amount requested for all project years. If funding is requested for only one year, leave this space blank.

**Indirect Cost Information:** If you are requesting reimbursement for indirect costs on line 10 the indirect cost rate to be charged to the grant must be entered in the applicable field on line 10, and the following information is to be completed by your Business Office.

(1): Indicate whether or not your organization has an Indirect Cost Rate Agreement that was approved by the Federal government. If you checked “no,” ED generally will authorize grantees to use a temporary rate of 10 percent of budgeted salaries and wages (**complete (4) of this section when using the temporary rate**) subject to the following limitations:

(a) The grantee must submit an indirect cost proposal to its cognizant agency within 90 days after ED issues a grant award notification; and

(b) If after the 90-day period, the grantee has not submitted an indirect cost proposal to its cognizant agency, the grantee may not charge its grant for indirect costs until it has negotiated an indirect cost rate agreement with its cognizant agency.

(2): If you checked “yes” in (1), provide a copy of your Indirect Cost Rate Agreement and indicate in (2) the beginning and ending dates covered by the Indirect Cost Rate Agreement. In addition, indicate whether ED, another Federal agency

(Other) or State agency issued the approved agreement. If you check “Other,” specify the name of the Federal or other agency that issued the approved agreement.

(3): If you check “no” in (1), indicate in (3) if you want to use the de minimis rate of 10 percent of MTDC (see 2CFR § 200.68). If you use the de minimis rate, you are subject to the provisions in 2 CFR § 200.414(f). Note, you may only use the 10 percent de minimis rate if you are a first-time Federal grant recipient, and you do not have an Approved Indirect Cost Rate Agreement. You may not use the de minimis rate if you are a State, Local government, or Indian Tribe, or if your grant is funded under a training rate or restricted rate program.

(5): If you are applying for a grant under a Restricted Rate Program (34 CFR 75.563 or 76.563), indicate whether you are using a restricted indirect cost rate that is included on your approved Indirect Cost Rate Agreement, or whether you are using a restricted indirect cost rate that complies with 34 CFR 76.564(c)(2). Note: State or Local government agencies may not use the provision for a restricted indirect cost rate specified in 34 CFR 76.564(c)(2). Check only one response. Leave blank, if this item is not applicable.

(6): For Training Rate Programs, ED regulations limit **non-governmental entities** to the recovery of indirect costs on training grants to the grantee’s actual indirect costs, as determined by its negotiated rate agreement, or 8 percent of a MTDC, whichever is lower (see EDGAR § 75.562(c)(4)). The 8 percent limit also applies to cost-type contracts under grants, if these contracts are for training as defined in EDGAR § 75.562(a). If a **non-governmental entity** that receives a grant under a training grant program does not have an approved indirect cost rate and wants to recover indirect costs, it may use a temporary rate of 10 percent of budgeted direct salaries and wages, but it must submit an indirect cost rate proposal to its cognizant agency for indirect costs within 90 days after ED issues the GAN. After the 90-day period, the government entity may not charge its grant for indirect costs until it has negotiated an indirect cost rate agreement.

## **Section B - Budget Summary**

### **Non-Federal Funds**

If you are required to provide or volunteer to provide cost-sharing or matching funds or other non-Federal resources to the project, these should be shown for each applicable budget category on lines 1-11 of Section B.

Lines 1-11, columns (a)-(e): For each project year, for which matching funds or other contributions are provided, show the total contribution for each applicable budget category.

Lines 1-11, column (f): Show the multi-year total for each budget category. If non-Federal contributions are provided for only one year, leave this column blank.

Line 12, columns (a)-(e): Show the total matching or other contribution for each project year.

Line 12, column (f): Show the total amount to be contributed for all years of the multi-year project. If non-Federal contributions are provided for only one year, leave this space blank.

## **Section C - Budget Narrative [Attach separate sheet(s)]**

### **Pay attention to applicable program specific instructions, if attached.**

1. Provide an itemized budget breakdown, and justification by project year, for each budget category listed in Sections A and B. For grant projects that will be divided into two or more separately budgeted major activities or sub-projects, show for each budget category of a project year the breakdown of the specific expenses attributable to each sub-project or activity.
2. For non-Federal funds or resources listed in Section B that are used to meet a cost-sharing or matching requirement or provided as a voluntary cost-sharing or matching commitment, you must include:

- a. The specific costs or contributions by budget category;
- b. The source of the costs or contributions; and
- c. In the case of third-party in-kind contributions, a description of how the value was determined for the donated or contributed goods or services.

[Please review cost sharing and matching regulations found in 2 CFR 200.306.]

- 3. If applicable to this program, provide the rate and base on which fringe benefits are calculated.
- 4. If you are requesting reimbursement for indirect costs on line 10, this information is to be completed by your Business Office. Specify the estimated amount of the base to which the indirect cost rate is applied and the total indirect expense. Depending on the grant program to which you are applying and/or your approved Indirect Cost Rate Agreement, some direct cost budget categories in your grant application budget may not be included in the base and multiplied by your indirect cost rate. For example, you must multiply the indirect cost rates of "Training grants" (34 CFR 75.562) and grants under programs with "Supplement not Supplant" requirements ("Restricted Rate" programs) by a "modified total direct cost" (MTDC) base (34 CFR 75.563 or 76.563). Please indicate which costs are included and which costs are excluded from the base to which the indirect cost rate is applied.

When calculating indirect costs (line 10) for "Training grants" or grants under "Restricted Rate" programs, you must refer to the information and examples on ED's website at: <http://www.ed.gov/fund/grant/apply/appforms/appforms.html>.

You may also contact (202) 377-3838 for additional information regarding calculating indirect cost rates or general indirect cost rate information.

- 5. Provide other explanations or comments you deem necessary.

**If Applicable Section D - Budget Summary**

**Limitation on Administrative Expenses.**

If your program is subject to an administrative cost cap (as indicated Section III.2.C of the program's Notice Inviting Applications (NIA)), fill out this form as follows:

- 1. On the top of the page, list the percentage cap on administrative costs, and indicate whether your administrative cost cap applies to both indirect and direct costs, or only direct costs (from Section III.2.C of the program's NIA).
- 2. IF the cost cap applies to both indirect and direct costs:
  - (a) Fill out the entire table noting your administrative costs, including line 8. Line 8 is taken from Section A, line 10. For lines 1-6, these are only direct administrative costs; do not include in lines 1-6 any costs included in your indirect cost rate. If your program has a matching requirement (see NIA), include in lines 1-6 the administrative portions of the applicable rows from both Section A and Section B. If there is no program matching requirement, only use Section A.
  - (b) Ensure that the line 10 percentage DOES NOT EXCEED the percentage cap on administrative costs. If your program does not have a matching requirement, divide line 9 by Section A line 12. If your program does have a matching requirement, to calculate line 10, divide line 9 by the sum of Section A line 12 and Section B line 12.
- 3. IF the cost cap applies ONLY to direct costs:
  - (a) Fill out the entire table noting your administrative costs, EXCLUDING line 8. Ensure that the line 10 percentage DOES NOT EXCEED the percentage cap on administrative costs. If your program does not have a matching

requirement, divide line 7 by Section A line 9. If your program does have a matching requirement, to calculate line 10, divide line 7 by the sum of Section A line 9 and Section B line 9).

### **Paperwork Burden Statement**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is 1894-0008. The time required to complete this information collection is estimated to vary from 13 to 22 hours per response, with an average of 17.5 hours per response, including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to U.S. Department of Education, Washington, D.C. 20202-4537. If you have comments or concerns regarding the status of your individual submission of this form, write directly to the Office of Finance and Operations, Office of Acquisitions and Grants Administration, Grants Policy and Training Division, U.S. Department of Education, 400 Maryland Avenue, S.W., Washington, D.C. 20202.

## PART III

### Instructions for Completing the ED Abstract Form

The ED Abstract Form is required for submission. Applicants must provide a one-page abstract that briefly describes how the proposed project meets the absolute priority, and the Competitive Preference Priority, if applicable. The Abstract narrative should identify the target population (e.g., faculty, staff, students), the services that will be provided and the proposed activities to be conducted during the three-year performance period.

The abstract should serve as a quick reference guide to your application. Include the items below in the order listed and use the same number format.

1. Applicant institution
2. Project title
3. Abstract
  - a. Target Population (e.g., faculty, staff, students)
  - b. Services and Proposed Activities
  - c. Anticipated Results (e.g., learning outcomes)
4. Absolute Priority Addressed: Yes or No; Briefly indicate the absolute priority that the institution is applying under.
5. Competitive Preference Priority Addressed: Yes or No; Briefly describe how the application meets this priority.

The one-page abstract may be single or double spaced. The following format recommendations apply to the abstract:

- A “page” is “8.5x11,” on one side only, with 1” margins.
- Double-space all text, and single-space titles, headings, footnotes, quotations, references and captions.
- Use an easily readable font such as Times New Roman, Courier, Courier New, or Arial.
- Use a 12-point font.

#### **Grants.gov Uploading Requirements:**

You must upload any narrative sections and all other attachments to your application as files in a PDF (Portable Document) read-only, non-modifiable format. Do not upload an interactive or fillable PDF file. If you upload a file type other than a read-only, non-modifiable PDF or submit a password-protected file, we will not review that material.

## PART III

### Instructions for Completing the Project Narrative Attachment Form

The **Project Narrative Attachment Form** includes the narrative sections addressing the program selection criteria that will be used to evaluate applications submitted for this competition. Before preparing the project narrative, applicants should review the Dear Applicant Letter and the NIA for specific guidance and requirements. The project narrative has page limit recommendations.

**Recommended Page Limit:** We recommend that you (1) limit the application narrative to no more than 50 pages and (2) use the following standards:

- A “page” is 8.5" x 11", on one side only, with 1" margins at the top, bottom, and both sides.
- Double space all text in the application narrative, including titles, headings, footnotes, quotations, references, and captions.
- Use a readable 12-point font such as Times New Roman, Courier, Courier New, or Arial.

The recommended 50 page limit applies only to the application narrative and does not apply to Part I, the cover sheet and table of contents; Part II, the budget section, including the narrative budget justification; Part IV, the assurances and certifications; or the one-page abstract, the resumes, the bibliography, or the letters of support.

#### **Selection Criteria:**

The Secretary evaluates an application on the basis of the criteria in § 34 CFR 75.210 of the Education Department General Administrative Regulations (EDGAR). The maximum score that any application may receive on the selection criteria is 100 points. The selection criteria and factors for applications in this competition are as follows:

#### **(a) Significance. (Maximum 25 points)**

- (1) The Secretary considers the significance of the proposed project.
- (2) In determining the significance of the proposed project, the Secretary considers the following factors:
  - (i) The extent to which the proposed project is likely to yield findings that may be utilized by other appropriate agencies and organizations. (up to 5 points)
  - (ii) The extent to which the proposed project involves the development or demonstration of promising new strategies that build on, or are alternatives to, existing strategies. (up to 10 points)
  - (iii) The extent to which the results of the proposed project are to be disseminated in ways that will enable others to use the information or strategies. (up to 10 points)

#### **(b) Quality of the project design. (Maximum 50 points)**

- (1) The Secretary considers the quality of the design of the proposed project.
- (2) In determining the quality of the design of the proposed project, the Secretary considers the following factors:
  - (i) The extent to which there is a conceptual framework underlying the proposed research or demonstration activities and the quality of that framework. (up to 10 points)
  - (ii) The extent to which the proposed activities constitute a coherent, sustained program of training in the field. (up to 10 points)

- (iii) The extent to which the proposed project is designed to build capacity and yield results that will extend beyond the period of Federal financial assistance. (up to 10 points)
- (iv) The extent to which the proposed project represents an exceptional approach to the priorities established for the competition. (up to 10 points)
- (v) The extent to which the proposed project demonstrates a rationale (as defined in this notice). (up to 10 points)

**(c) Quality of project personnel. (Maximum 5 points)**

- (1) The Secretary considers the quality of the personnel who will carry out the proposed project.
- (2) In determining the quality of project personnel, the Secretary considers the extent to which the applicant encourages applications for employment from persons who are members of groups that have traditionally been underrepresented based on race, color, national origin, gender, age, or disability. (up to 2 points)
- (3) In addition, the Secretary considers the qualifications, including relevant training and experience, of the project director or principal investigator. (up to 3 points)

**(d) Adequacy of resources. (Maximum 5 points)**

- (1) The Secretary considers the adequacy of the resources for the proposed project.
- (2) In determining the adequacy of resources for the proposed project, the Secretary considers the adequacy of support, including facilities, equipment, supplies, and other resources, from the applicant organization or the lead applicant organization.

**(e) Quality of the management plan. (Maximum 5 points)**

- (1) The Secretary considers the quality of the management plan for the proposed project.
- (2) In determining the quality of the management plan for the proposed project, the Secretary considers the extent to which the time commitments of the project director and principal investigator and other key project personnel are appropriate and adequate to meet the objectives of the proposed project.

**(f) Quality of the project evaluation. (Maximum 10 points)**

- (1) The Secretary considers the quality of the evaluation to be conducted of the proposed project.
- (2) In determining the quality of the evaluation, the Secretary considers the following factors:
  - (i) The extent to which the methods of evaluation are thorough, feasible, and appropriate to the goals, objectives, and outcomes of the proposed project. (up to 5 points)
  - (ii) The extent to which the methods of evaluation will provide performance feedback and permit periodic assessment of progress toward achieving intended outcomes. (up to 5 points)

**Grants.gov Uploading Requirements:**

You must upload any narrative sections and all other attachments to your application as files in a PDF (Portable Document) read-only, non-modifiable format. Do not upload an interactive or fillable PDF file. If you upload a file type other than a read-only, non-modifiable PDF or submit a password-protected file, we will not review that material.

## PART III

### Instructions for Other Attachments Form

The **Other Attachments Form** is where you attach the Curriculum Vitae (CV) of project personnel/participants, letters of commitment and support, business information that you consider proprietary, and the bibliography, if applicable.

**Note:**

- It is recommended that the CV be no more than three (3) pages.
- Attach all CV of project personnel/participants as a single document.
- Attach all letters of commitment and support as a single document.
- Attach the bibliography as a single document.

**Grants.gov Uploading Requirements:**

You must upload any narrative sections and all other attachments to your application as files in a PDF (Portable Document) read-only, non-modifiable format. Do not upload an interactive or fillable PDF file. If you upload a file type other than a read-only, non-modifiable PDF or submit a password-protected file, we will not review that material.

## PART IV

### Assurances and Certifications

Please read the instructions carefully on the following pages before preparing and submitting your application. Complete the Assurances and Certifications below:

#### Assurances and Certifications

- GEPA Section 427 Requirement
- Instructions for Disclosure of Lobbying Activities (SF-LLL)
- Grants.gov Lobbying Form (ED form 80-0013)

**\*All attachments must be in a .PDF format only. Other types of files will not be accepted.\***

#### Grants.gov Uploading Requirements:

You must upload any narrative sections and all other attachments to your application as files in a PDF (Portable Document) read-only, non-modifiable format. Do not upload an interactive or fillable PDF file. If you upload a file type other than a read-only, non-modifiable PDF or submit a password-protected file, we will not review that material.

## **PART IV**

### **General Education Provisions Act (GEPA) Section 427**

OMB Control No. 1894-0005 (Exp 06/30/2023)

#### **NOTICE TO ALL APPLICANTS**

The purpose of this enclosure is to inform you about the following provision in the Department of Education's General Education Provisions Act (GEPA) that applies to applicants for new grant awards under Department programs. This provision is Section 427 of GEPA, enacted as part of the Improving America's Schools Act of 1994 (Public Law (P.L.) 103-382).

#### **To Whom Does This Provision Apply?**

Section 427 of GEPA affects applicants for new grant awards under this program. **ALL APPLICANTS FOR NEW AWARDS MUST INCLUDE INFORMATION IN THEIR APPLICATIONS TO ADDRESS THIS NEW PROVISION IN ORDER TO RECEIVE FUNDING UNDER THIS PROGRAM.**

(If this program is a State-formula grant program, a State needs to provide this description only for projects or activities that it carries out with funds reserved for State-level uses. In addition, local school districts or other eligible applicants that apply to the State for funding need to provide this description in their applications to the State for funding. The State would be responsible for ensuring that the school district or other local entity has submitted a sufficient section 427 statement as described below.)

#### **What Does This Provision Require?**

Section 427 requires each applicant for funds (other than an individual person) to include in its application a description of the steps the applicant proposes to take to ensure equitable access to, and participation in, its Federally-assisted program for students, teachers, and other program beneficiaries with special needs. This provision allows applicants discretion in developing the required description. The statute highlights six types of barriers that can impede equitable access or participation: gender, race, national origin, color, disability, or age. Based on local circumstances, you should determine whether these or other barriers may prevent your students, teachers, etc. from such access or participation in, the Federally-funded project or activity. The description in your application of steps to be taken to overcome these barriers need not be lengthy; you may provide a clear and succinct description of how you plan to address those barriers that are applicable to your circumstances. In addition, the information may be provided in a single narrative, or, if appropriate, may be discussed in connection with related topics in the application.

Section 427 is not intended to duplicate the requirements of civil rights statutes, but rather to ensure that, in designing their projects, applicants for Federal funds address equity concerns that may affect the ability of certain potential beneficiaries to fully participate in the project and to achieve to high standards. Consistent with program requirements and its approved application, an applicant may use the Federal funds awarded to it to eliminate barriers it identifies.

#### **What are Examples of How an Applicant Might Satisfy the Requirement of This Provision?**

The following examples may help illustrate how an applicant may comply with Section 427.

- (1) An applicant that proposes to carry out an adult literacy project serving, among others, adults with limited English proficiency, might describe in its application how it intends to distribute a brochure about the proposed project to such potential participants in their native language.
- (2) An applicant that proposes to develop instructional materials for classroom use might describe how it will make the materials available on audio tape or in braille for students who are blind.

(3) An applicant that proposes to carry out a model science program for secondary students and is concerned that girls may be less likely than boys to enroll in the course, might indicate how it intends to conduct "outreach" efforts to girls, to encourage their enrollment.

(4) An applicant that proposes a project to increase school safety might describe the special efforts it will take to address concern of lesbian, gay, bisexual, and transgender students, and efforts to reach out to and involve the families of LGBT students

We recognize that many applicants may already be implementing effective steps to ensure equity of access and participation in their grant programs, and we appreciate your cooperation in responding to the requirements of this provision.

### **Estimated Burden Statement for GEPA Requirements**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. Public reporting burden for this collection of information is estimated to average 1.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The obligation to respond to this collection is required to obtain or retain benefit (Public Law 103-382. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the U.S. Department of Education, 400 Maryland Ave., SW, Washington, DC 20210-4537 or email [ICDocketMgr@ed.gov](mailto:ICDocketMgr@ed.gov) and reference the OMB Control Number 1894-0005.

## **PART IV**

### **Instructions for Disclosure of Lobbying Activities (SF-LLL)**

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.

8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitations for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Included prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.  
  
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10(a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

## XI. APPLICATION CHECKLIST

Use This Checklist While Preparing Your Application Package:  
**All items listed on this checklist are required.**

### **Part I:**

- Application for Federal Assistance (SF 424)
- Department of Education Supplemental Information for SF 424

### **Part II**

- Department of Education Budget Information Non-Construction Programs Form (ED 524)

### **Part III:**

- One-Page Project Abstract – Attached to the “ED Abstract Form” in Grants.gov
- Project Narrative – Attached to the “Project Narrative Attachment Form” in Grants.gov
- Budget Narrative – Attached to the “Budget Narrative Attachment Form” in Grants.gov
- Additional Appendices, if applicable – Attached to the “Other Attachments Form” in Grants.gov

### **Part IV:**

- Assurances and Certifications – found in Grants.gov
  - GEPA Section 427 Requirement
  - Disclosure of Lobbying Activities (SF-LLL)
  - Grants.gov Lobbying Form (ED 80-0013)

**NOTE:** Please do not attach any miscellaneous narratives, supporting files, or application components to the standard forms (SF Forms) within Grants.gov. Although the forms accept optional attachments, please do not upload attachments there. If you deem it necessary, you may upload miscellaneous attachments to “Other Attachments Form,” but be mindful that uploaded information that is not required in the Notice may not be reviewed.

## PAPERWORK BURDEN STATEMENT

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is 1894-0006. Public reporting burden for this collection of information is estimated to average 40 hours per response, including time for reviewing instructions, searching existing data sources, gathering, and maintaining the data needed, and completing and reviewing the collection of information. The obligation to respond to this collection is required to obtain or retain benefit (Section 873 of the Higher Education Act of 1965, as amended). If you have comments or concerns regarding the status of your individual submission of this application, please contact Dr. Robin Dabney at (202) 453-7908 or [Robin.Dabney@ed.gov](mailto:Robin.Dabney@ed.gov) directly. [Note: Please do not return the completed application to this address.]