

increase potential benefits while preserving the effective and efficient administration of the Department's programs.

During and after the comment period, you may inspect all public comments about this proposed priority in room 4W333, 400 Maryland Avenue, SW., Washington, DC between the hours of 8:30 a.m. and 4 p.m., Eastern time, Monday through Friday of each week except Federal holidays.

Assistance to Individuals With Disabilities in Reviewing the Rulemaking Record

On request, we will supply an appropriate aid, such as a reader or print magnifier, to an individual with a disability who needs assistance to review the comments or other documents in the public rulemaking record for this proposed priority. If you want to schedule an appointment for this type of aid, please contact the person listed under **FOR FURTHER INFORMATION CONTACT**.

General

The ESEA as reauthorized by the NCLB uses the term *scientifically based research* more than 100 times in the context of evaluating programs to determine what works in education or ensuring that Federal funds are used to support activities and services that work. This proposed priority is intended to ensure that Federal funds are used to support projects and activities that are consistent with a statutory purpose of Department programs, and evaluated using scientifically based research. Establishing this priority makes it possible for any office in the Department to encourage or to require appropriate projects to use scientifically based evaluation strategies to determine the effectiveness of a project intervention.

Discussion of Proposed Priority

We will announce the final priority in a notice in the **Federal Register**. We will determine the final priority after considering public comments on this proposed priority and other information available to the Department. This notice does not preclude the Secretary from proposing or funding additional priorities, subject to meeting applicable rulemaking requirements.

Note: This notice does *not* solicit applications. In any year in which we choose to use this proposed priority, we invite applications for new awards under the applicable program through a notice in the **Federal Register**. When inviting applications we designate the priority as absolute,

competitive preference, or invitational. The effect of each type of priority follows:

Absolute priority: Under an absolute priority we consider only applications that meet the priority (34 CFR 75.105(c)(3)).

Competitive preference priority: Under a competitive preference priority we give competitive preference to an application by either (1) awarding additional points, depending on how well or the extent to which the application meets the competitive preference priority (34 CFR 75.105(c)(2)(i)); or (2) selecting an application that meets the competitive priority over an application of comparable merit that does not meet the priority (34 CFR 75.105(c)(2)(ii)).

Invitational priority: Under an invitational priority we are particularly interested in applications that meet the invitational priority. However, we do not give an application that meets the invitational priority a competitive or absolute preference over other applications (34 CFR 75.105(c)(1)).

Proposed Priority

The Secretary proposes a priority for program projects proposing an evaluation plan that is based on rigorous scientifically based research methods to assess the effectiveness of a particular intervention. The Secretary intends that this priority will allow program participants and the Department to determine whether the project produces meaningful effects on student achievement or teacher performance.

Evaluation methods using an experimental design are best for determining project effectiveness. Thus, the project should use an experimental design under which participants—*e.g.*, students, teachers, classrooms, or schools—are randomly assigned to participate in the project activities being evaluated or to a control group that does not participate in the project activities being evaluated.

If random assignment is not feasible, the project may use a quasi-experimental design with carefully matched comparison conditions. This alternative design attempts to approximate a randomly assigned control group by matching participants—*e.g.*, students, teachers, classrooms, or schools—with non-participants having similar pre-program characteristics.

In cases where random assignment is not possible and an extended series of observations of the outcome of interest precedes and follows the introduction of a new program or practice, regression discontinuity designs may be employed.

For projects that are focused on special populations in which sufficient numbers of participants are not available to support random assignment or matched comparison group designs, single-subject designs such as multiple baseline or treatment-reversal or

interrupted time series that are capable of demonstrating causal relationships can be employed.

Proposed evaluation strategies that use neither experimental designs with random assignment nor quasi-experimental designs using a matched comparison group nor regression discontinuity designs will not be considered responsive to the priority when sufficient numbers of participants are available to support these designs. Evaluation strategies that involve too small a number of participants to support group designs must be capable of demonstrating the causal effects of an intervention or program on those participants.

The proposed evaluation plan must describe how the project evaluator will collect—before the project intervention commences and after it ends—valid and reliable data that measure the impact of participation in the program or in the comparison group.

If the priority is used as a competitive preference priority, points awarded under this priority will be determined by the quality of the proposed evaluation method. In determining the quality of the evaluation method, we will consider the extent to which the applicant presents a feasible, credible plan that includes the following:

(1) The type of design to be used (that is, random assignment or matched comparison). If matched comparison, include in the plan a discussion of why random assignment is not feasible.

(2) Outcomes to be measured.

(3) A discussion of how the applicant plans to assign students, teachers, classrooms, or schools to the project and control group or match them for comparison with other students, teachers, classrooms, or schools.

(4) A proposed evaluator, preferably independent, with the necessary background and technical expertise to carry out the proposed evaluation. An independent evaluator does not have any authority over the project and is not involved in its implementation.

In general, depending on the implemented program or project, under a competitive preference priority, random assignment evaluation methods will receive more points than matched comparison evaluation methods.

Executive Order 12866

This notice of proposed priority has been reviewed in accordance with Executive Order 12866. Under the terms of the order, we have assessed the potential costs and benefits of this regulatory action.

The potential costs associated with the notice of proposed priority are those