DEPARTMENT OF EDUCATION

34 CFR Chapter III

Proposed Priority—National Institute on Disability and Rehabilitation Research—Disability and Rehabilitation Research Projects and Centers Program—Rehabilitation Engineering Research Centers

CFDA Number: 84.133E–1.

AGENCY: Office of Special Education and Rehabilitative Services, Department of Education.

ACTION: Proposed priority.

SUMMARY: The Assistant Secretary for Special Education and Rehabilitative Services proposes a priority for the Disability and Rehabilitation Research Projects and Centers Program administered by the National Institute on Disability and Rehabilitation Research (NIDRR). Specifically, this notice proposes a priority for Rehabilitation Engineering Research Centers (RERCs): Hearing Enhancement. The Assistant Secretary may use this priority for a competition in fiscal year (FY) 2013 and later years. We take this action to focus research attention on areas of national need. We intend to use this priority to improve rehabilitation services and outcomes for individuals with disabilities.

DATES: We must receive your comments on or before February 19, 2013.

ADDRESSES: Address all comments about this notice to Marlene Spencer, U.S. Department of Education, 400 Maryland Avenue SW., Room 5133, Potomac Center Plaza (PCP), Washington, DC 20202–2700.

If you prefer to send your comments by email, use the following address: marlene.spencer@ed.gov. You must include “Proposed Priorities for RERCs” and the priority title in the subject line of your electronic message.

FOR FURTHER INFORMATION CONTACT: Marlene Spencer. Telephone: (202) 245–7532 or by email: marlene.spencer@ed.gov.

If you use a telecommunications device for the deaf (TDD) or a text telephone (TTY), call the Federal Relay Service (FRS), toll free, at 1–800–877–8339.

SUPPLEMENTARY INFORMATION: This notice of proposed priority is in concert with NIDRR’s currently approved Long-Range Plan (Plan). The Plan, which was published in the Federal Register on February 15, 2006 (71 FR 8165), can be accessed on the Internet at the following site: www.ed.gov/about/offices/list/osep/nidrr/policy.html.

Through the implementation of the Plan, NIDRR seeks to: (1) Improve the quality and utility of disability and rehabilitation research; (2) foster an exchange of expertise, information, and training methods to facilitate the advancement of knowledge and understanding of the unique needs of traditionally underserved populations; (3) determine best strategies and programs to improve rehabilitation outcomes for underserved populations; (4) identify research gaps; (5) identify mechanisms for integrating research and practice; and (6) disseminate findings.

This notice proposes a priority that NIDRR intends to use for an RERC competition in FY 2013 and possibly in later years. However, nothing precludes NIDRR from publishing additional priorities, if needed. Furthermore, NIDRR is under no obligation to make awards for this priority. The decision to make an award will be based on the quality of applications received and available funding.

Invitation to Comment: We invite you to submit comments regarding this notice. To ensure that your comments have maximum effect in developing the notice of final priorities, we urge you to identify clearly the specific topic that each comment addresses.

We invite you to assist us in complying with the specific requirements of Executive Order 12866 and 13563 and their overall requirement of reducing regulatory burden that might result from this proposed priority. Please let us know of any further ways we could reduce potential costs or increase potential benefits while preserving the effective and efficient administration of the program.

During and after the comment period, you may inspect all public comments about this notice in room 5140, 550 12th Street SW., PCP, Washington, DC, between the hours of 8:30 a.m. and 4 p.m., Washington, DC time, Monday through Friday of each week except Federal holidays.

Assistance to Individuals with Disabilities in Reviewing the Rulemaking Record: On request we will provide an appropriate accommodation or auxiliary aid to an individual with a disability who needs assistance to review the comments or other documents in the public rulemaking record for this notice. If you want to schedule an appointment for this type of accommodation or auxiliary aid, please contact the person listed under FOR FURTHER INFORMATION CONTACT.

Purpose of Program: The purpose of the Disability and Rehabilitation
Research Projects and Centers Program is to plan and conduct research, demonstration projects, training, and related activities; including international activities; to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities; and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act).

**Rehabilitation Engineering Research Centers (RERCs) Program**

The purpose of NIDRR’s RERCs program, which is funded through the Disability and Rehabilitation Research Projects and Centers Program, is to improve the effectiveness of services authorized under the Rehabilitation Act. It does so by conducting advanced engineering research, developing and evaluating innovative technologies, facilitating service delivery system changes, stimulating the production and distribution of new technologies and equipment in the private sector, and providing training opportunities. RERCs seek to solve rehabilitation problems and remove environmental barriers to improvements in employment, community living and participation, and health and function outcomes of individuals with disabilities.

The general requirements for RERCs are set out in subpart D of 34 CFR part 350 (What Rehabilitation Engineering Research Centers Does the Secretary Ask for?) Additional information on the RERCs program can be found at: www.ed.gov/rschstat/research/pubs/index.html.

**Program Authority:** 29 U.S.C. 762(g) and 764(b)(3).

**Applicable Program Regulations:** 34 CFR part 350.

**Proposed Priority:** This notice contains one proposed priority, Hearing Enhancement.

**Background:** Approximately 34.2 million Americans have a hearing impairment (Kochkin, 2009). An untreated hearing impairment has profound implications for people across the lifespan (e.g., in education, school-to-work transition, employment, community participation, and general social and emotional well-being) (Pallarito, 2010; Kochkin, 2010b; Chisolm et al., 2007a).

Research and development related to hearing enhancement technologies has produced advances in areas related to digital and wireless hearing aids, assistive technologies, cochlear and middle ear implants, and aural rehabilitation, but many research and development needs remain (Fellinger et al., 2012; Stender, 2011; Groth and Anhonsen, 2010; Kochkin, 2010a; Chisolm et al., 2007b; Sweetow and Sabes, 2007; Pirzanski, 2006). For example, research has indicated that while 95 percent of people with a hearing impairment can benefit from hearing aids, only 23 percent actually use them (Kochkin, 2007). Among the many reasons for not using hearing aids are characteristics of the hearing aids themselves (e.g., the hearing aids are uncomfortable and unreliable, do not work well in noisy environments, and do not work seamlessly across multiple settings and technologies) (Kochkin, 2010a; Kochkin, 2007). Assistive listening devices (e.g., FM systems, infrared systems, and audio induction loop systems) still have significant limitations related to portability, usability, and performance, particularly during group discussions (Harkins and Tucker, 2007). More research and development is needed on cochlear and middle ear implants to determine and optimize performance and benefits in real-life situations (Peterson et al., 2010; Rameh et al., 2010).

Successful hearing enhancement technologies have been demonstrated to improve the quality of life for people with hearing impairments (Fellinger et al. 2012; Kochkin 2010b; Chisolm et al., 2007a, 2007b). Accordingly, NIDRR seeks to fund an RERC to address problems that prevent the use of, or reduce the use and benefit of, hearing enhancement technologies, and to optimize options for people with hearing impairments.

**References:**


**Proposed Priority:**

The Assistant Secretary for Special Education and Rehabilitative Services proposes the following priority for the establishment of a Rehabilitation Engineering Research Center (RERC) on Hearing Enhancement. The RERC must focus on innovative technological solutions, new knowledge, and concepts that will improve the lives of individuals with disabilities.

Under this priority, the RERC must research, develop, and evaluate technologies, methods, and systems that will improve the accessibility, usability, and performance of hearing enhancement technologies (e.g., hearing aids, ear molds, assistive listening devices, and implants) for people with hearing loss, including but not limited to people with untreated hearing loss. This includes: (a) Addressing technological factors that prevent or reduce adoption of and benefit from hearing enhancement devices (e.g., hearing aid and implant design features, ear mold fit and comfort, and assistive listening devices and technologies for
Executive Orders 12866 and 13563
Regulatory Impact Analysis
Under Executive Order 12866, the Secretary must determine whether this regulatory action is “significant” and, therefore, subject to the requirements of the Executive order and subject to review by the Office of Management and Budget (OMB). Section 3(f) of Executive Order 12866 defines a “significant regulatory action” as an action likely to result in a rule that may—
(1) Have an annual effect on the economy of $100 million or more, or adversely affect a sector of the economy, productivity, competition, jobs, the environment, public health or safety, or State, local, or tribal governments or communities in a material way (also referred to as an “economically significant” rule);
(2) Create serious inconsistency or otherwise interfere with an action taken or planned by another agency;
(3) Materially alter the budgetary impacts of entitlement grants, user fees, or loan programs or the rights and obligations of recipients thereof; or
(4) Raise novel legal or policy issues arising out of legal mandates, the President’s priorities, or the principles stated in the Executive order.
This proposed regulatory action is not a significant regulatory action subject to review by OMB under section 3(f) of Executive Order 12866.
We have also reviewed this regulatory action under Executive Order 13563, which supplements and explicitly reaffirms the principles, structures, and definitions governing regulatory review established in Executive Order 12866. To the extent permitted by law, Executive Order 13563 requires that an agency—
(1) Propose or adopt regulations only upon a reasoned determination that their benefits justify their costs (recognizing that some benefits and costs are difficult to quantify);
(2) Tailor its regulations to impose the least burden on society, consistent with obtaining regulatory objectives and taking into account—among other things and to the extent practicable—the costs of cumulative regulations;
(3) In choosing among alternative regulatory approaches, select those approaches that maximize net benefits (including potential economic, environmental, public health and safety, and other advantages; distributive impacts; and equity);
(4) To the extent feasible, specify performance objectives, rather than the behavior or manner of compliance a regulated entity must adopt; and
(5) Identify and assess available alternatives to direct regulation, including economic incentives—such as user fees or marketable permits—to encourage the desired behavior, or provide information that enables the public to make choices.
Executive Order 13563 also requires an agency “to use the best available techniques to quantify anticipated present and future benefits and costs as accurately as possible.” The Office of Information and Regulatory Affairs of OMB has emphasized that these techniques may include “identifying changing future compliance costs that might result from technological innovation or anticipated behavioral changes.”
We are issuing this proposed priority only upon a reasoned determination that its benefits justify its costs. In choosing among alternative regulatory approaches, we selected those approaches that maximize net benefits. Based on the analysis that follows, the Department believes that this proposed priority is consistent with the principles in Executive Order 13563.
We also have determined that this regulatory action would not unduly interfere with State, local, and tribal governments in the exercise of their governmental functions.
In accordance with both Executive orders, the Department has assessed the potential costs and benefits, both quantitative and qualitative, of this regulatory action. The potential costs are those resulting from statutory requirements and those we have determined as necessary for administering the Department’s programs and activities.
The benefits of the Disability and Rehabilitation Research Projects and Centers Programs have been well established over the years, as projects similar to the one envisioned by the proposed priority have been completed successfully. Establishing new RERCs based on the proposed priority would generate new knowledge through research and development and improve the lives of individuals with disabilities. The new RERCs would generate, disseminate, and promote the use of new information that would improve the options for individuals with disabilities to fully participate in their communities.

Intergovernmental Review: This program is not subject to Executive Order 12372 and the regulations in 34 CFR part 79.

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Electronic Access to This Document: The official version of this document is the document published in the Federal Register. Free Internet access to the official edition of the Federal Register and the Code of Federal Regulations is available via the Federal Digital System at: www.gpo.gov/fdsys. 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 Adobe 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: www.federalregister.gov. Specifically, through the advanced search feature at this site, you can limit your search to documents published by the Department.

Dated: January 14, 2013.

Michael Yudin,
Acting Assistant Secretary for Special Education and Rehabilitative Services.

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

Approval and Promulgation of Implementation Plans; Kentucky: 110(a)(1) and (2) Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards

AGENCY: Environmental Protection Agency (EPA).

ACTION: Proposed rule.

SUMMARY: EPA is proposing to approve, conditionally approve in part, and disapprove in part, the July 17, 2012, State Implementation Plan (SIP) submission provided by the Commonwealth of Kentucky, through the Division of Air Quality (DAQ) of the Kentucky Energy and Environment Cabinet. Kentucky DAQ submitted the July 17, 2012, SIP submission as a replacement to its original September 8, 2009, SIP submission. Specifically, this proposal pertains to the Clean Air Act (CAA or Act) requirements for the 2008 8-hour ozone national ambient air quality standards (NAAQS) infrastructure SIP. The CAA requires that each state adopt and submit a SIP for the implementation, maintenance, and enforcement of each NAAQS promulgated by EPA, which is commonly referred to as an “infrastructure” SIP. Kentucky DAQ made a SIP submission demonstrating that the Kentucky SIP contains provisions that ensure the 2008 8-hour ozone NAAQS are implemented, enforced, and maintained in the Commonwealth (hereafter referred to as “infrastructure submission”). EPA is now proposing three related actions on Kentucky DAQ’s infrastructure SIP submission. First, EPA is proposing to determine that Kentucky DAQ’s infrastructure submission, provided to EPA on July 17, 2012, satisfies certain required infrastructure elements for the 2008 8-hour ozone NAAQS. Second, with respect to the infrastructure requirements related to specific prevention of significant deterioration (PSD) requirements, EPA is proposing to approve, in part and conditionally approve in part, the infrastructure SIP submission based on a December 19, 2012, Kentucky DAQ commitment to submit specific enforceable measures for approval into the SIP to address specific PSD program deficiencies. Third, EPA is proposing to disapprove Kentucky DAQ’s infrastructure SIP submission with respect to certain interstate transport requirements for the 2008 8-hour ozone NAAQS because the submission does not address the statutory provisions with respect to the relevant NAAQS and thus does not satisfy the criteria for approval. The CAA requires EPA to act on this portion of the SIP submission even though under a recent court decision (which is not yet final as EPA has requested rehearing), Kentucky DAQ was not yet required to submit a SIP submission to address these interstate transport requirements. Moreover, under that same court decision, this disapproval does not trigger an obligation for EPA to promulgate a Federal Implementation plan (FIP) to address these interstate transport requirements.

DATES: Written comments must be received on or before February 7, 2013.

ADDRESSES: Submit your comments, identified by Docket ID No. EPA–R04–OAR–2012–0700, by one of the following methods:
1. www.regulations.gov: Follow the on-line instructions for submitting comments.
2. Email: R4-RDS@epa.gov.

3. Fax: (404) 562–9140.

5. Hand Delivery or Courier: Lynorae Benjamin, Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street SW., Atlanta, Georgia 30303–8960. Such deliveries are only accepted during the Regional Office’s normal hours of operation. The Regional Office’s official hours of business are Monday through Friday, 8:30 to 4:30, excluding federal holidays.

Instructions: Direct your comments to Docket ID No. EPA–R04–OAR–2012–0700. EPA’s policy is that all comments received will be included in the public docket without change and may be made available online at www.regulations.gov, including any personal information provided, unless the comment includes information claimed to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Do not submit through www.regulations.gov or email, information that you consider to be CBI or otherwise protected. The www.regulations.gov Web site is an “anonymous access” system, which means EPA will not know your identity or contact information unless you provide it in the body of your comment. If you send an email comment directly to EPA without going through www.regulations.gov, your email address will be automatically captured and included as part of the comment that is placed in the public docket and made available on the Internet. If you submit an electronic comment, EPA recommends that you include your name and other contact information in the body of your comment and with any disk or CD–ROM you submit. If EPA cannot read your comment due to technical difficulties and cannot contact you for clarification, EPA may not be able to consider your comment. Electronic files should avoid the use of special characters, any form of encryption, and be free of any defects or viruses. For additional information about EPA’s public docket visit the EPA Docket Center homepage at http://www.epa.gov/epahome/dockets.htm.

Docket: All documents in the electronic docket are available at the www.regulations.gov index. Although listed in the index, some information is