For the purpose of informing interested University of Tennessee-Knoxville faculty, please be aware of the following opportunity. Please note that the other recipients of this announcement could be potential collaborators on this opportunity.

PAR-10-206: NCRR Science Education Partnership Award (SEPA) (R25)

<table>
<thead>
<tr>
<th>Letter of Intent to Agency</th>
<th>06/28/2010 - Optional</th>
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<tr>
<td>Proposal to Sponsored Programs</td>
<td>07/21/2010</td>
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<tr>
<td>Submission to Agency</td>
<td>07/28/2010</td>
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<tr>
<th>Estimated Total Funding</th>
<th>$3M</th>
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<tbody>
<tr>
<td>Anticipated No. of Awards</td>
<td>10</td>
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<tr>
<td>Cost Share</td>
<td>No</td>
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</table>

The National Institutes of Health is soliciting applications for the development and evaluation of innovative research education programs to improve PreK-12 research career opportunities and the community's understanding of the health science advances supported by the National Institutes of Health (NIH)-funded clinical and basic research. SEPA encourages dynamic partnerships between biomedical and clinical researchers and PreK-12 teachers and schools and other interested organizations. Particular importance will be given to applications that target PreK-12 and/or ISE/media topics that may not be addressed by existing curriculum, community-based or ISE/media activities.

Examples of appropriate SEPA projects include, but are not limited to, those listed below:
• PreK-12 curriculum that will increase student understanding and interest in science and the scientific method.

• Teacher Professional Development and research internship opportunities for PreK-12 teachers that deliver scientific content, an understanding of the scientific research process and pedagogical skills.

• Science center and museum-based exhibits, traveling exhibits and public outreach activities (e.g., Science Cafes) that will educate students, teachers and the community on topical, health related issues such as: stem cells and regenerative medicine; NIH-funded basic or clinical research; the clinical trials process; ethical use of animals in research or emerging infectious diseases.

• Activities relevant to preschool & kindergarten children such as food and nutrition activities that will introduce concepts of healthy food and exercise and the negative impact of an unhealthy diet.

• Collaborations with NCRR-funded Clinical Trial Science Awards (CTSA), Institutional Development Awards (IDeA), Research Centers in Minority Institutions (RCMI), Animal Resources or Biomedical Technology Research Centers. These collaborations should leverage the proposed SEPA project with the existing or to-be-developed NCRR-funded resource centers.

• Neuroscience-based projects on anatomy, cell biology, physiology and chemistry of the brain that integrate current technologies such as neuroimaging, genomics and computational neuroscience into PreK-12 curriculum or ISE/media projects.

• Nanotechnology-based projects that address medical applications such as disease prevention and diagnosis, novel methods of therapy or medical tools for the understanding of molecular and cellular processes.

• Community-based health education and participatory research programs on important health prevention issues such as obesity, diabetes and cardiovascular disease.

• Veterinarian-based PreK-12 or ISE/media projects that educate students, teachers, and the community on the need for, and the ethical use of, animals in research.

• Public service announcements, documentaries, films, radio, TV and other media-based projects that may include topics such as: lifestyle and health correlations (obesity, diabetes, cardiovascular); chronic diseases or emerging infectious disease (osteoarthritis, HIV/AIDS, influenza), NIH-funded research, regenerative medicine or the clinical trials process.
- Innovative and rigorous evaluation methodology to assess the effectiveness of PreK-12 or ISE/media projects that may include Randomized Controlled Trials or Well-Matched Comparison-Group study design.

The proposed research education program may complement ongoing research training and education occurring at the applicant institution, but the proposed educational experiences must be distinct from those research training and research education programs currently receiving federal support. The R25 is not a substitute for an institutional research training program (T32) and cannot be used to circumvent or supplement Ruth L. Kirschstein National Research Service Award (NRSA) mechanisms.

To find more opportunities from this agency, please see here.

For detailed information about this opportunity please see the full solicitation. Please contact Sponsored Programs (4-5066) with questions regarding proposal submission requirements.

If you have any questions regarding this announcement, please contact:

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