Eastern Connecticut State University

Required information needed for the National Science Foundation Question.

Please complete and return to Diane Moore (moored@easternct.edu) in Gelsi-Young 338C within 5 working days.

Name: __________________________________________________________
Banner Index: ________________

I. Which of the following would best describe your research? Please check only one and use Table 1 for guidance.

1. Basic Research ☐
2. Applied Research ☐
3. Developmental Research ☐

<table>
<thead>
<tr>
<th>Table 1: Examples</th>
<th>Development Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Research</td>
<td>Applied Research</td>
</tr>
<tr>
<td>A researcher is studying the properties of human blood to determine what affects coagulation.</td>
<td>A researcher is conducting research on how a new chicken pox vaccine affects blood coagulation.</td>
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<tr>
<td>A researcher is studying the properties of molecules under various heat and cold conditions.</td>
<td>A researcher is investigating the properties of particular substances under various heat and cold conditions with the objective of finding long-lasting components for highway pavement.</td>
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<tr>
<td>A researcher is investigating the effect of different types of manipulatives on the way first graders learn mathematical strategy by changing manipulatives &amp; then measuring what students have learned through standardized instruments.</td>
<td>A researcher is studying the implementation of a specific math curriculum to determine what teachers needed to know to implement the curriculum successfully.</td>
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<tr>
<td>A researcher is working with state transportation officials to conduct test of a newly developed highway pavement under various types of heat and cold conditions.</td>
<td>A researcher is developing and testing software and support tools, based on fieldwork, to improve mathematics cognition for student special education.</td>
</tr>
</tbody>
</table>

II. Under which Research and Development field would best you classify your research? Please check only one field.

A. Computer & Information Sciences ☐
B. Engineering
   1. Aeronautical/Astronautical ☐
   2. Bioengineering/Biomedical ☐
   3. Chemical ☐
   4. Civil ☐
   5. Electrical ☐
   6. Industrial &Manufacturing ☐
   7. Mechanical ☐
   8. Metallurgical/Material ☐
   9. Other engineering ☐
C. Geoscience, Atmospheric, Ocean
   1. Atmospheric Sciences ☐
   2. Geological & Earth Sciences ☐
   3. Ocean & Marine ☐
   4. Other Sciences ☐
D. Life Sciences
   1. Agricultural Sciences ☐
   2. Biological Sciences ☐
   3. Health Sciences ☐
   4. Natural Sciences ☐
   5. Other Life Sciences ☐
E. Mathematical & Statistics ☐
F. Physical Sciences ☐
1. Astronomy & Astrophysics ☐
2. Chemistry ☐
3. Material Science ☐
4. Physics ☐
5. Other Physical sciences ☐
G. Psychology ☐
H. Social Sciences
   1. Anthropology ☐
   2. Economics ☐
   3. Political Science & Gov’t ☐
   4. Sociology, Demography ☐
   5. Other Social Sciences ☐
I. Other Sciences ☐
J. Non-Science & Engineering Fields
   1. Business and Management ☐
   2. Communication & Comm. Tech ☐
   3. Education ☐
   4. Humanities ☐
   5. Law ☐
   6. Social Work ☐
   7. Visual and Performing Arts ☐
   8. Other non-S&E Fields ☐