

Eastern Connecticut State University

Required information needed for the National Science Foundation Question.

Please complete and return to Diane Moore (moored@easternet.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 1: Examples

Basic Research	Applied Research	Development Research
A researcher is studying the properties of human blood to determine what affects coagulation.	A researcher is conducting research on how a new chicken pox vaccine affects blood coagulation.	A researcher is conducting clinical trials to test a newly developed chicken pox vaccine for young children.
A researcher is studying the properties of molecules under various heat and cold conditions.	A researcher is investigating the properties of particular substances under various heat and cold conditions with the objective of finding longer-lasting components for highway pavement.	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.
A researcher is investigating the effect of different types of manipulatives on the way first graders learn mathematical strategy by changing manipulatives & then measuring what students have learned through standardized instruments.	A researcher is studying the implementation of a specific math curriculum to determine what teachers needed to know to implement the curriculum successfully.	A researcher is developing and testing software and support tools, based on fieldwork, to improve mathematics cognition for student special education.

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

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