

## Appendix H.1: Research Disciplines

### RESPONDENT FIRST SELECTS A GENERAL AREA:

- **Natural Sciences/Mathematics** (Biological/Life; Chemical; Computer/Information sciences; Environmental sciences; Earth, Atmospheric & Oceanographic sciences; Geosciences, Mathematical/Statistical sciences; Physics; Psychology)
- **Social Sciences** (Economics, Sociology, Anthropology/Archaeology, Political Science, Geography, Linguistics, other)
- **Engineering** (Biochemical engineering, Chemical engineering, Civil engineering, etc.)

After selecting one of the general areas, respondent selects one of the **FIELDS** from the **LEFT** column (subfields are shown to assist respondents in making a selection)

### NATURAL SCIENCES

Field	Subfield
<b>Agricultural/food sciences</b>	<input type="radio"/> Animal sciences <input type="radio"/> Food sciences/technology <input type="radio"/> Plant sciences <input type="radio"/> OTHER agricultural sciences
<b>Biological sciences</b> <i>Bioengineering, see ENGINEERING, next page</i>	<input type="radio"/> Biochemistry/biophysics <input type="radio"/> Biology, general <input type="radio"/> Botany <input type="radio"/> Cell/molecular biology <input type="radio"/> Ecology <input type="radio"/> Genetics, animal/plant <input type="radio"/> Microbiological sciences/immunology <input type="radio"/> Nutritional sciences <input type="radio"/> Pharmacology, human/animal <input type="radio"/> Physiology and pathology, human/animal <input type="radio"/> Zoology, general <input type="radio"/> OTHER Biological sciences
<b>Environmental life sciences</b>	<input type="radio"/> Environmental science/studies <input type="radio"/> Forestry sciences
<b>Computer and information sciences</b> <i>For Computer Engineering, see ENGINEERING, next page</i>	<input type="radio"/> Computer/information sciences, general <input type="radio"/> Computer programming <input type="radio"/> Computer science <input type="radio"/> Computer systems analysis <input type="radio"/> Information services/systems <input type="radio"/> OTHER computer/information sciences
<b>Mathematics and statistics</b>	<input type="radio"/> Applied mathematics <input type="radio"/> Mathematics, general <input type="radio"/> Operations research <input type="radio"/> Statistics <input type="radio"/> OTHER mathematics
<b>Chemistry</b> <i>For biochemistry, see Biological sciences</i>	<input type="radio"/> Chemistry except biochemistry ( <i>biochemistry, see Biological sciences</i> )
<b>Earth, atmospheric, and ocean sciences</b>	<input type="radio"/> Atmospheric sciences/meteorology <input type="radio"/> Earth sciences <input type="radio"/> Geology <input type="radio"/> Geological sciences, other <input type="radio"/> Oceanography <input type="radio"/> OTHER physical sciences
<b>Physics</b> <i>Biophysics, see Biological Sciences</i>	<input type="radio"/> Astronomy/astrophysics <input type="radio"/> Physics
<b>Psychology</b>	<input type="radio"/> Clinical psychology <input type="radio"/> Counseling <input type="radio"/> Educational psychology <input type="radio"/> Experimental psychology <input type="radio"/> General psychology <input type="radio"/> Industrial/organizational psychology <input type="radio"/> Social psychology <input type="radio"/> OTHER psychology

## ENGINEERING

<b>Biochemical engineering</b> , <i>see Bioengineering/biomedical under OTHER Engineering</i>		
<b>Chemical engineering</b>	<input type="radio"/> Chemical engineering	
<b>Civil/architectural eng.</b>	<input type="radio"/> Architectural engineering	<input type="radio"/> Civil engineering
<b>Electrical/computer engineering</b>	<input type="radio"/> Computer/systems engineering	<input type="radio"/> Electrical/electronics/communications engineering
<b>Industrial engineering</b>	<input type="radio"/> Industrial/manufacturing engineering	
<b>Mechanical engineering</b>	<input type="radio"/> Mechanical engineering	
<b>OTHER engineering</b>	<input type="radio"/> Aerospace/aeronautical/astronautical engineering <input type="radio"/> Agricultural engineering <input type="radio"/> Bioengineering/biomedical engineering <input type="radio"/> Engineering, general <input type="radio"/> Engineering sciences/mechanics/physics <input type="radio"/> Environmental engineering	<input type="radio"/> Geophysical/geological engineering <input type="radio"/> Materials engineering, including ceramics/textiles <input type="radio"/> Metallurgical engineering <input type="radio"/> Mining/minerals engineering <input type="radio"/> Naval architecture/marine engineering <input type="radio"/> Nuclear engineering <input type="radio"/> Petroleum engineering <input type="radio"/> OTHER engineering

## SOCIAL SCIENCES

<b>Economics</b>	<input type="radio"/> Agricultural economics	<input type="radio"/> Economics
<b>Political and related sciences</b>	<input type="radio"/> International relations <input type="radio"/> Political science/government	<input type="radio"/> Public policy studies
<b>Sociology/Anthropology</b>	<input type="radio"/> Anthropology/archaeology <input type="radio"/> Criminology	<input type="radio"/> Sociology
<b>OTHER social sciences</b>	<input type="radio"/> Area/ethnic studies <input type="radio"/> Education, general <input type="radio"/> Geography <input type="radio"/> History of science	<input type="radio"/> Linguistics <input type="radio"/> Philosophy of science <input type="radio"/> OTHER social sciences

Source: SESTAT education codes in NSRCG major fields