

**Directorate for Biological Sciences
Division of Biological Infrastructure
Advances in Bio Informatics**

Proposal Classification Worksheet

In each category, please choose the most specific descriptors.

CATEGORY I: INVESTIGATOR STATUS (Select ONE)
<input type="checkbox"/> Beginning Investigator - No previous Federal support as PI or Co-PI, excluding fellowships, dissertations, planning grants, etc. <input type="checkbox"/> Prior Federal support only <input type="checkbox"/> Current Federal support only <input type="checkbox"/> Current & prior Federal support

CATEGORY II: FIELDS OF SCIENCE OTHER THAN BIOLOGY INVOLVED IN THIS RESEARCH (Select 1 to 3)		
<input type="checkbox"/> Astronomy <input type="checkbox"/> Chemistry <input type="checkbox"/> Computer Science <input type="checkbox"/> Earth Science	<input type="checkbox"/> Engineering <input type="checkbox"/> Mathematics <input type="checkbox"/> Physics	<input type="checkbox"/> Psychology <input type="checkbox"/> Social Sciences <input type="checkbox"/> None of the Above

CATEGORY III: SUBSTANTIVE AREA (Select 1 to 4)		
<input type="checkbox"/> BIOMATERIALS <input type="checkbox"/> BIOTECHNOLOGY <input type="checkbox"/> Animal Biotechnology <input type="checkbox"/> Plant Biotechnology <input type="checkbox"/> Environmental Biotechnology <input type="checkbox"/> Marine Biotechnology <input type="checkbox"/> Metabolic Engineering <input type="checkbox"/> CHROMOSOME STUDIES <input type="checkbox"/> COMMUNITY ECOLOGY <input type="checkbox"/> COMPUTATIONAL BIOLOGY <input type="checkbox"/> CONSERVATION & RESTORATION BIOLOGY <input type="checkbox"/> CORAL REEFS <input type="checkbox"/> CURATION <input type="checkbox"/> DATABASES <input type="checkbox"/> ECOSYSTEMS LEVEL <input type="checkbox"/> GENOMICS (Genome sequence, organization, function)	<input type="checkbox"/> Viral <input type="checkbox"/> Microbial <input type="checkbox"/> Fungal <input type="checkbox"/> Plant <input type="checkbox"/> Animal <input type="checkbox"/> INFORMATICS <input type="checkbox"/> MARINE MAMMALS <input type="checkbox"/> Molecular Evolution <input type="checkbox"/> Methodology/Theory <input type="checkbox"/> Gene/Genome Mapping <input type="checkbox"/> Natural Products <input type="checkbox"/> NANOSCIENCE <input type="checkbox"/> PHOTOSYNTHESIS <input type="checkbox"/> PLANT BIOLOGY <input type="checkbox"/> Arabidopsis-Related Plant Research <input type="checkbox"/> POPULATION DYNAMICS & LIFE HISTORY	<input type="checkbox"/> POPULATION GENETICS & BREEDING SYSTEMS <input type="checkbox"/> REPRODUCTIVE ANIMAL BIOLOGY <input type="checkbox"/> Plant Pathology <input type="checkbox"/> Coevolution <input type="checkbox"/> Biological Control <input type="checkbox"/> STATISTICS & MODELING <input type="checkbox"/> Methods/ Instrumentation/ Software <input type="checkbox"/> Modeling (general) <input type="checkbox"/> Modeling of Biological or Molecular Systems <input type="checkbox"/> Computational Modeling <input type="checkbox"/> Statistics (general) <input type="checkbox"/> STRUCTURAL BIOLOGY <input type="checkbox"/> SYSTEMATICS <input type="checkbox"/> Phenetics/Cladistics/ Numerical Taxonomy <input type="checkbox"/> NONE OF THE ABOVE

CATEGORY IV: INFRASTRUCTURE (Select 1 to 3)		
<input type="checkbox"/> COLLECTIONS/STOCK CULTURES <input type="checkbox"/> Collection Enhancement <input type="checkbox"/> Collection Refurbishment <input type="checkbox"/> Living Organism Stock Cultures <input type="checkbox"/> Natural History Collections <input type="checkbox"/> DATABASES	<input type="checkbox"/> Database Initiation <input type="checkbox"/> Database Enhancement <input type="checkbox"/> Database Maintenance & Curation <input type="checkbox"/> Database Methods <input type="checkbox"/> FACILITIES <input type="checkbox"/> Controlled Environment Facilities	<input type="checkbox"/> Field Stations <input type="checkbox"/> Field Facility Structure <input type="checkbox"/> Field Facility Equipment <input type="checkbox"/> LTER Site <input type="checkbox"/> GENOME SEQUENCING <input type="checkbox"/> Other Plant Genome Sequencing <input type="checkbox"/> INDUSTRY PARTICIPATION

<input type="checkbox"/> INSTRUMENTATION <input type="checkbox"/> Instrument Development <input type="checkbox"/> Instrument Acquisition <input type="checkbox"/> Computational Hardware Development/Acquisition <input type="checkbox"/> TOOLS DEVELOPMENT <input type="checkbox"/> Analytical Algorithm Development	<input type="checkbox"/> Other Software Development <input type="checkbox"/> Informatics Tool Development <input type="checkbox"/> Technique Development TRACKING SYSTEMS <input type="checkbox"/> Geographic Information Systems <input type="checkbox"/> Remote Sensing	<input type="checkbox"/> TRAINING <input type="checkbox"/> Multi-, Cross-, Interdisciplinary Training <input type="checkbox"/> Undergraduate Training <input type="checkbox"/> Predoctoral Training <input type="checkbox"/> Postdoctoral Training <input type="checkbox"/> NONE OF THE ABOVE
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CATEGORY V: HABITAT (No selection required)

CATEGORY VI: GEOGRAPHIC AREA OF THE RESEARCH (No selection required)

CATEGORY VII: CLASSIFICATION OF ORGANISMS (Select 1 to 4)

<input type="checkbox"/> VIRUSES <input type="checkbox"/> Bacterial <input type="checkbox"/> Plant <input type="checkbox"/> Animal <input type="checkbox"/> PROKARYOTES <input type="checkbox"/> Archaeobacteria <input type="checkbox"/> Cyanobacteria <input type="checkbox"/> Eubacteria <input type="checkbox"/> PROTISTA (PROTOZOA) <input type="checkbox"/> FUNGI <input type="checkbox"/> LICHENS <input type="checkbox"/> SLIME MOLDS <input type="checkbox"/> ALGAE	<input type="checkbox"/> PLANTS <input type="checkbox"/> NON-VASCULAR PLANTS <input type="checkbox"/> VASCULAR PLANTS <input type="checkbox"/> GYMNOSPERMS <input type="checkbox"/> ANGIOSPERMS <input type="checkbox"/> Monocots <input type="checkbox"/> Dicots <input type="checkbox"/> ANIMALS <input type="checkbox"/> INVERTEBRATES <input type="checkbox"/> ARTHROPODA <input type="checkbox"/> Hexapoda (Insecta) (Insects) <input type="checkbox"/> VERTEBRATES <input type="checkbox"/> FISHES	<input type="checkbox"/> Chondrichthyes (Cartilaginous Fishes) (Sharks, Rays, Ratfish) <input type="checkbox"/> Osteichthyes (Bony Fishes) <input type="checkbox"/> AMPHIBIA <input type="checkbox"/> REPTILIA <input type="checkbox"/> AVES (Birds) <input type="checkbox"/> MAMMALIA <input type="checkbox"/> Primates <input type="checkbox"/> Humans <input type="checkbox"/> Rodentia <input type="checkbox"/> Marine Mammals (Seals, Walrus, Whales, Otters, Dolphins, Porpoises) <input type="checkbox"/> TRANSGENIC ORGANISMS <input type="checkbox"/> NO ORGANISMS
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CATEGORY VIII: MODEL ORGANISM (Select ONE)

<input type="checkbox"/> NO MODEL ORGANISM MODEL ORGANISM (Choose from the list or input up to 9 characters) <input type="checkbox"/> Escherichia coli	FUNGAL PLANT <input type="checkbox"/> Mouse-Ear Cress (Arabidopsis thaliana)	<input type="checkbox"/> Fruitfly (Drosophila melanogaster) [Enter your own model organism - up to 9 characters] <input type="text"/>
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