Additional Review Criteria
As applicable for the project proposed, reviewers will evaluate the following additional items while determining scientific and technical merit, and in providing an overall impact/priority score, but will not give separate scores for these items.

Protections for Human Subjects
For research that involves human subjects but does not involve one of the six categories of research that are exempt under 45 CFR Part 46, the committee will evaluate the justification for involvement of human subjects and the proposed protections from research risk relating to their participation according to the following five review criteria: 1) risk to subjects, 2) adequacy of protection against risks, 3) potential benefits to the subjects and others, 4) importance of the knowledge to be gained, and 5) data and safety monitoring for clinical trials.

For research that involves human subjects and meets the criteria for one or more of the six categories of research that are exempt under 45 CFR Part 46, the committee will evaluate: 1) the justification for the exemption, 2) human subjects involvement and characteristics, and 3) sources of materials. For additional information on review of the Human Subjects section, please refer to the Human Subjects Protection and Inclusion Guidelines.

Vertebrate Animals
The committee will evaluate the involvement of live vertebrate animals as part of the scientific assessment according to the following five points: 1) proposed use of the animals, and species, strains, ages, sex, and numbers to be used; 2) justifications for the use of animals and for the appropriateness of the species and numbers proposed; 3) adequacy of veterinary care; 4) procedures for limiting discomfort, distress, pain and injury to that which is unavoidable in the conduct of scientifically sound research including the use of analgesic, anesthetic, and tranquilizing drugs and/or comfortable restraining devices; and 5) methods of euthanasia and reason for selection if not consistent with the AVMA Guidelines on Euthanasia. For additional information on review of the Vertebrate Animals section, please refer to the Worksheet for Review of the Vertebrate Animal Section.

Biohazards
Reviewers will assess whether materials or procedures proposed are potentially hazardous to research personnel and/or the environment, and if needed, determine whether adequate protection is proposed.

Additional Review Considerations
As applicable for the project proposed, reviewers will consider each of the following items, but will not give scores for these items, and should not consider them in providing an overall impact/priority score.

Training in the Responsible Conduct of Research
Taking into account the circumstances of the fellow, including level of experience, the reviewers will address the following questions. Does the plan satisfactorily address the format of instruction, e.g., lectures, coursework, and/or real-time discussion groups? Do plans include a sufficiently broad selection of subject matter, such as conflict of interest, authorship, data management, human subjects and animal use, laboratory safety? Do the plans adequately describe the role of the sponsor/mentor or other faculty involvement in the fellow’s instruction? Does the plan meet the minimum requirements for RCR, i.e., eight contact hours of instruction every four years? Plans and past record will be rated as ACCEPTABLE or UNACCEPTABLE, and the summary statement will provide the consensus of the review committee. See also: NOT-OD-10-019.
VII. AWARD ADMINISTRATION INFORMATION

A. Notification of the Award

The Division of Graduate Education generally notifies applicants within six months after the deadline of the outcome of their applications. The NSF publishes lists of Fellowship and Honorable Mention recipients on the GRFP website at http://www.fastlane.nsf.gov/grfp/ in April 2011.

B. Award Conditions

An NSF Graduate Research Fellowship award consists of the notification letter that includes the applicable terms and conditions and fellowship management instructions. All Fellowships are made subject to the provisions (and any subsequent amendments) contained in the document NSF Graduate Research Fellowship Program (GRFP) Guide for Fellows and GRFP Coordinating Officials.

NSF will award GRFP Fellowship Grants to the institution providing funds for NSF Fellows who have "on tenure" status. The Institution will accept such grants, including any amendments to them and administer them in accordance with the terms of the Agreement and provisions (and any subsequent amendments) contained in the document NSF Graduate Research Fellowship Program (GRFP) Guide for Fellows and GRFP Coordinating Officials.

NSF Graduate Research Fellowship Program applicants will be notified in early April 2011 of their selection. The applicant must accept or decline the Fellowship within 30 days of notification by logging into the Graduate Research Fellowship Program link at http://www.fastlane.nsf.gov/gpfr with the applicant User ID and password. Failure to comply with the deadline and acceptance of award conditions by the deadline will result in revocation of the fellowship offer and render applicants ineligible to re-apply.

Other Opportunities for Fellowship Awardees and Honorable Mention Recipients

Fellows and Honorable Mention recipients may request cyberinfrastructure resources through the TeraGrid. Details on resources available are described at http://www.teragrid.org. Requests must be for cyberinfrastructure resources in support of research undertaken toward completion of the graduate program of study.

Facilitation Awards for Scientists and Engineers with Disabilities (FASED) provide funding for special assistance or equipment to enable persons with disabilities (students and faculty) to work on NSF-supported projects. Fellowship awardees and Honorable Mention recipients with disabilities may apply for assistance by contacting grfp@nsf.gov.

Award Conditions

Awardees must formally accept and agree to the terms and conditions of the award. Acceptance of a fellowship award is an explicit acceptance of this commitment and assurance that the Fellow will be duly enrolled in an NSF-approved graduate program in the field of study indicated in their application by the beginning of the following academic year. Awardees are expected to enroll in the program proposed in their application and follow the course of study in that program. Major changes in scope later in the graduate career require NSF approval. The NSF Graduate Research Fellowship Program (GRFP) Guide for Fellows and GRFP Coordinating Officials includes the terms and conditions that apply to the fellowship and subsequent institutional award, in addition to the eligibility requirements (citizenship, degree requirements, and field of study) and Certifications in the application.

The GRFP fellowship cannot be accepted concurrently with another Federal fellowship.

Responsible Conduct of Research

Institutions are responsible for verifying that undergraduate students, graduate students, and postdoctoral researchers supported by NSF to conduct research have received training in the responsible and ethical conduct of research.

Research Involving Human Subjects

Projects involving research with human subjects must ensure that subjects are protected from research risks in conformance with the relevant federal policy known as the Common Rule (Federal Policy for the Protection of Human Subjects, 45 CFR 60). All projects involving human subjects must either (1) have approval from the organization's Institutional Review Board (IRB) before fellowship award or (2) must affirm that the IRB or an appropriate knowledgeable authority previously designated by the organization (not the Applicant) indicated the exception or exemption from IRB review, in accordance with the applicable subsection, as established in section 104(b) of the Common Rule. Applicants and Fellows are required to comply with this policy and adhere to the organization's protocol for managing research involving human subjects.

Proposals Involving Vertebrate Animals

Any project proposing use of vertebrate animals for research or education shall comply with the Animal Welfare Act (7 U.S.C. 2131 et seq.) and the regulations promulgated thereunder by the Secretary of Agriculture (9 CFR 1-4.11) pertaining to the humane care, handling, and treatment of vertebrate animals held or used for research, teaching or other activities supported by Federal awards. In accordance with these requirements, proposed projects involving use of any vertebrate animal for research or education must be approved by the submitting organization's Institutional Animal Care and Use Committee (IACUC) before an award can be made. For this approval to be accepted by NSF, the organization must have a current Public Health Service (PHS) Approved Assurance.

Projects involving the care or use of vertebrate animals at a foreign organization or foreign field site also require approval of research protocols by the U.S. granted's IACUC. If the project is to be funded through an award to a foreign organization or through an individual fellowship award that will support activities at a foreign organization, NSF will require a statement of compliance that the activities will be conducted in accordance with all applicable laws in the foreign country and that the International Guiding Principles for Biomedical Research Involving Animals (see http://www.comas.org) will be followed.

Legal Rights to Intellectual Property

The National Science Foundation claims no rights to any inventions or writings that might result from its fellowship or traineeship grants. However, fellows and trainees should be aware that the NSF, another Federal agency, or some private party may acquire such rights through other support for particular research. Also, fellows and trainees should note their obligation to include an Acknowledgment and Disclaimer in any publication.

C. Reporting Requirements

Acknowledgment of Support

All publications and presentations based on work conducted during the fellowship must acknowledge the support of the NSF Graduate Research Fellowship Program (e.g., (name) is supported by a Graduate Research Fellowship from the National Science