

**National Science Foundation (NSF)
Doctoral Dissertation Improvement Grants
How to Apply Checklist
1/6/10**

NSF Program Solicitation: Various, click on discipline below for individual program guidelines

2010 Applications Deadlines:

1/15:	Research on Science and Technology Surveys and Statistics (\$12K) Political Science (\$12K)
1/15 and 7/15:	Linguistics (\$12K)
1/15 and 8/15:	Cultural Anthropology (\$20K) Law & Social Science (\$6K to \$15K)
1/16 and 8/16:	Methodology, Measurement and Statistics (\$12K)
1/18 and 8/18:	Decision, Risk and Management Science (\$12K) Economics (\$12K)
2/1 and 8/1:	Science, Technology and Society (\$10K; up to \$15K Int'l research)
2/9 and 8/16:	Physical Anthropology (\$20K)
2/15 and 10/15:	Geography and Spatial Sciences (\$12K) Sociology (\$10K)
9/9	Science of Science and Innovation Policy
No deadline:	Archeology (\$20K)

How to Apply (read after individual program guidelines above):

<http://www.nsf.gov/pubs/2006/nsf06605/nsf06605.htm>

General information:

- Grant periods vary based on individual program guidelines above
- Funds are exclusively for necessary expenses incurred in actual conduct of the dissertation research.
- No funds for stipends, tuition, textbooks, journals, typing, reproduction or publication costs of the students' dissertation.
- Although stipends are not permitted, an allowance for expenses during traveling time away from the student's academic institution may be allowed.
- Funds may be requested for research assistants only in special circumstances, which should be carefully justified. Check program specific guidelines.
- Contact designated program officer.

Activity	Notes
<p>Contact DSR (Judy Harris @ 392-9267) to setup a FastLane PI account/add a new user</p>	
<p>I. Cover Sheet</p> <ul style="list-style-type: none"> • Title must begin with: Doctoral Dissertation Research.... • Primary dissertation advisor: "PI/PD" • Student: "CO-PI/PD" • Mark human subjects as pending, approved or exempt (provide documentation in proposals if approved or exempt) 	last
<p>II. Project Summary Must address intellectual merit and broader impacts components of work</p>	last
<p>III. Project Description "The key is to be explicit in showing how the general theory explains the local situation, and in showing how the new knowledge from the local situation will advance the theory." NSF SES</p> <p><u>Check individual program guidelines above for page limits, page length, supplemental materials (i.e. surveys)</u></p> <ul style="list-style-type: none"> • What is the research problem, specific aims, expectations, propositions or hypothesis? • What is the scientific significance of the work and what are the results of the literature review? • What's the relationship of the proposed project to other current research? • What's the research plan/design of the project? (include overview of design related to the theory, research site or source of data, references/citations,) Section should detail methods, and why these relate to theory and setting. • What are plans for data analysis? • What's the progress to date in terms of the student's research already underway? • Include a Research Schedule indicating date funds are required (Results from Prior NSF Support" section is not required) • Sampling should be explicitly justified by discussing how data will generalize to a relevant population or theory. • Justify each method in terms of its research aims. • If there are weaknesses in design or analytical strategy, recognize them and explain why the resulting product will nonetheless be of value. • Include info detailing "research competence of the student" • <u>Intellectual Merit</u> <ul style="list-style-type: none"> ○ How important is the proposed activity to advancing knowledge and understanding within its own field or across different fields? ○ How well qualified is the proposer (individual or team) to conduct the project? (If appropriate, the reviewer will comment on the quality of prior work.) 	

<ul style="list-style-type: none"> ○ To what extent does the proposed activity suggest and explore creative, original, or potentially transformative concepts? ○ How well conceived and organized is the proposed activity? ○ Is there sufficient access to resources? ● Broader Impacts* – Activities and projects that: <ul style="list-style-type: none"> ○ How well does the activity advance discovery and understanding while promoting teaching, training, and learning? ○ How well does the proposed activity broaden the participation of underrepresented groups (e.g., gender, ethnicity, disability, geographic, etc.)? ○ To what extent will it enhance the infrastructure for research and education, such as facilities, instrumentation, networks, and partnerships? ○ Will the results be disseminated broadly to enhance scientific and technological understanding? ○ What may be the benefits of the proposed activity to society? 	
<p>IV. References: Only references cited should be included. This section is separate from project description. Although there is no page limit, you cannot use it to provide parenthetical information that didn't fit in project description section.</p>	
<p>V. Biographical Sketches (do not exceed 2 pages for each sketch) One bio sketch for student One bio sketch for advisor</p>	
<p>VI. Budget</p> <ul style="list-style-type: none"> ● Enter this in the FastLane format and create a budget justification explaining why and how requested funds are supplemental to funding from UF or other sources. ● (Do not enter any data in "NSF Funded Person-months" as this is not allowed) ● Each program area has its unique funding request limits. ● No funding for salaries or stipends for graduate student or advisor ● Include total expenses for Domestic Travel (including Canada, Mexico, and US) ● Include total expenses for Foreign Travel 	
<p>VII. Current and pending support forms should be submitted for both PI (advisor) and Co-PI (student)</p>	
<p>NOTE: Do not include general letters of recommendation in supplementary docs for this proposal. Do not attach appendices unless you have received permission from the NSF program director. Letters testifying to local institutional sponsorship need not be appended but definitely should be cited in the proposal.</p>	
<p>Examples of Broader Impacts Activities: http://www.nsf.gov/pubs/2002/nsf022/bicexamples.pdf</p>	

