

**NSF Faculty Early Career Development Program (CAREER) NSF 14-532  
For CAREER Discussion/Work Group**

**Link to Announcement:**

<http://www.nsf.gov/pubs/2014/nsf14532/nsf14532.htm>

**Due dates:**

**Monday, July 21, 2014:**  
**BIO, CISE, EHR**

**Tuesday, July 22, 2014:**  
**ENG**

**Wednesday, July 23, 2014:**  
**GEO, MPS, SBE**

**Project Duration: 5 years; min budget \$400K (\$500K in BIO and PLR)**

**Eligibility: See Solicitation.**

**Synopsis**, from Solicitation: “This premier program emphasizes the importance the Foundation places on the early development of academic careers dedicated to stimulating the discovery process in which the excitement of research is enhanced by inspired teaching and enthusiastic learning.

The CAREER program embodies NSF’s commitment to encourage faculty and academic institutions to value and support the integration of research and education. Successful PIs will propose creative, integrative and effective research and education plans, developed within the context of the mission, goals, and resources of their organizations, while building a firm foundation for a lifetime of contributions to research, education and their integration.

Integration of Research and Education - All CAREER proposals must have an integrated research and education plan at their core. NSF recognizes that there is no single approach to an integrated research and education plan, but encourages all applicants to think creatively about how their research will impact their education goals and, conversely, how their education activities will feed back into their research.”

**Proposal Components:**

**I. Cover Sheet (Generated in FastLane)**

- a. **Program Solicitation Number:** Select in FastLane from menu.

- b. **Unit of Consideration:** Select at least one. Lead selection determines due date.
- c. **Title:** Must begin with 'CAREER'

## II. Project Summary (One page equivalent limit):

Summarize research and education objectives and plans for integration of research and education activities. Must include separate statements of how project meets Intellectual Merit and Broader Impacts review criteria. Entered in boxes in FastLane.

## III. Project Description (Limit 15 pages). Should include (*see solicitation for more detail*):

- **A Description of the proposed research project**, including preliminary supporting data where appropriate, specific objectives, methods and procedures to be used, and expected significance of the results;
- **A Description of the proposed educational goals and objectives and activities**, including how it will be integrated with the research component, and the criteria for assessing how goals will be met as well as plans to evaluate their impact on students and other participants;
- **A Description of how the research and educational activities are integrated** with one another;
- **Results of prior NSF support**, if applicable. (can be up to five pages of Project Description, recommend half to one page max if possible):
  - If PI has received NSF funding (including any current funding) in the past five years, information on the award(s) is required, irrespective of whether the support was directly related to the proposal or not. Funding includes not just salary support, but any funding awarded by NSF. If PI has more than one award, report on the one most closely related. Provide:
    - (a) the NSF award number, amount and period of support;
    - (b) the title of the project;
    - (c) a summary of the results of the completed work, including accomplishments, described in two separate sections, related to the Intellectual Merit and Broader Impact activities supported by the award
    - (d) publications resulting from the NSF award;

**Note that:** *“Successful applicants will propose creative, effective, integrated research and education plans, and indicate how they will assess these components. While excellence in both education and research is expected, activity of an intensity that leads to an unreasonable workload is not. The research and educational activities do not need to be addressed separately if the relationship between the two is such that*

*the presentation of the integrated project is better served by interspersing the two throughout the Project Description.” (From the Solicitation).*

- IV. References Cited:** Provide references in support of both research and education aspects of the CAREER proposal.
- V. Biosketch:** (2 page max): PI only; should include both research and education activities and accomplishments.
- VI. Budget (Entered in FastLane or Cayuse, RDS can do this for you) and Budget Justification. (Two page max)**

*Note: RDS Staff can help with preparation of these upon request.*

*Support for Senior Personnel other than PI is not permitted.*

*“ Allowable costs include funds for postdoctoral fellows, graduate students, undergraduate students, summer salary, education or outreach activities, support for an evaluator, travel and subsistence expenses for the PI and U.S. participants when working abroad with foreign collaborators, and consultant expenses. In some cases, it may be appropriate to include academic year salary support for the PI on a CAREER budget (for example, PIs who have heavy teaching responsibilities or who must conduct field work during the academic year). Proposers should talk to the cognizant Program Director about their individual case.”*

- VII. Current and Pending Support.** For PI only.
- VIII. Facilities, Equipment and other Resources**  
*Note: RDS Staff can help with preparation of these upon request.*
- IX. Data Management Plan (two page limit):**
  - a. Data management requirements and plans specific to the Directorate, Office, Division, Program, or other NSF unit, are available at:  
<http://www.nsf.gov/bfa/dias/policy/dmp.jsp>.
  - b. **See also:** <http://rci.ucmerced.edu/2.asp?uc=1&lvl2=75&contentid=52>.
  - c. Should also address data generated by educational activities.  
*Note: RDS Staff can help with preparation of these upon request.*

- X. Post Doctoral Mentoring Plan, if budget includes postdocs. (one page limit)**

*RDS can help with this plan*

- XI. Supplemental Documents:**

- a. **Departmental Letter (2 page max): REQUIRED; see template**

**b. Letters of Collaboration (1 page max each): Optional but highly recommended. See template**

NOTE: Letters of support are NOT Permitted

NOTE: There are NO Appendices permitted.

**Suggested TIMEFRAMES**

-Discussion of Institutional Support Letter and project with Dean/Department Head: **ASAP**

-Discussion of Project with NSF Program Officer: **No later than June 1**

- Meet with RDS to discuss how we can help: **ASAP**

-Identification of Collaborators: **No later than June 14<sup>th</sup>**

-Identification of potential internal reviewers: **No later than June 15th:**  
*(RDS can help with this)*

-Request Letters of Collaboration: **No later than June 21**  
*(RDS can help with this)*

-Meet with Dean/Dept Head to discuss specific contents of Institutional Letter: **No later than week of June 24<sup>th</sup>**

**-Submit: July 22 – 24**