

CAREER Grant: Integrating Research and Education

“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 activities, **including plans to evaluate their impact;**

A description of **how the research and educational activities are integrated** with one another;”

Note for Reviewers

- “Successful PIs will propose creative, integrative, and effective research and education plans, developed within the context of the mission, goals and resources of their organization...”
- While excellence in both education and research is expected, activity of an intensity that leads to an unreasonable workload is not.”

Note for Reviewers

- “We also ask that you consider the Departmental Letter... The letter ... should demonstrate an understanding of, and a commitment to, the effective integration of research and education as a primary objective of the CAREER award. **A letter that fails to acknowledge institutional commitment to the professional development and mentoring of the PI may disadvantage an otherwise outstanding proposal.**”

Tips

- 1st: Rewrite you Project Summary until it's fantastic
 - 2nd: expand that to become your Project Description
- Show that you can do the projects here at UND
 - provide letters from others that may assist you
- Include outreach to underrepresented groups
 - but be specific: how recruit, your contacts, UND programs, etc.
- Provide citations for educational components
- Tell how you will assess success of educational components
- You often need to state the obvious

- Give specific examples of activities:
 - Students in Biol XXX will screen candidates, providing practical experience and reducing work load for researchers.
 - Having equipment X for the research will allow its use in Biol XXX teaching lab; the reporter construct produced can be used in new teaching lab experiment
 - Presence of research technician will allow for more undergraduates to be trained in research
 - This activity will increase work force needed for research (e.g., potential grad students, TAs, etc.)