



EARTH SCIENCES DIVISION EARLY CAREER DEVELOPMENT GRANTS 2013 GUIDELINES

OVERVIEW:

The intent of the ESD Early Career Development Grants (ECDG) is to provide an opportunity for early career scientific staff to develop new concepts, tools and approaches with the potential to complement and/or enhance existing ESD research programs as well as develop new research directions in ESD. These projects are envisioned to be 'seed' projects that can be completed within 1-2 years. An internal review committee will evaluate the projects and may request short presentations by candidates whose proposals are under consideration for funding. Awardees will be expected to attend and present their research at an associated Department Seminar.

WHO MAY APPLY?

Investigators must be full-time Earth Science Division employees who have received their PhD within the last 5 years. Affiliates are not eligible for an ECDG. Interested applicants are encouraged to talk with Greg Newman, chair of the ECDG committee, to obtain more details about this opportunity. Applicants are also encouraged to talk with ESD Department/Program Heads. Applications for renewal of current ECDGs will be considered.

ELIGIBILITY CONDITIONS:

To be eligible for consideration, the applicant must propose an activity that is consistent with the mission of the Earth Sciences Division. Under no circumstances can funds be used to augment existing DOE, Work for Other, or LDRD projects.

APPLICATION DEADLINE/AWARD/FORMAT:

Two-page funding requests are to be submitted to Carol Valladao on or before **December 19, 2012**. Proposals longer than two pages may not be considered (budget, figures and references are included in two-page limit). Applications for renewal must provide a statement of progress within their application demonstrating their project's success in meeting the intent of the grant. Minimum font size is 11 pt.

Applications should complete the attached Coversheet and include:

- Applicant (Name, email and telephone extension)
- Description of the proposed research
- Why is the proposed research activity relevant to ESD?
- What will be done with the development funds and what are the expected results?
- How will the funding make a difference?
- Why is funding needed/not available from other sources?

MAXIMUM GRANT SIZE AND PROJECT TERM:

The maximum grant size is \$40,000, inclusive of all applicable overhead fees (no G&A, LDRD or IGPP burdens will be charged to these projects). In most cases, the project should be completed within 12 months from inception of the grant, but in promising situations there is a possibility of a second year of funding.



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It is expected that most of the funding will go towards effort. Travel and supply purchases can be accommodated, if included in the proposal.

REVIEW AND SELECTION PROCEDURE:

Proposals will be reviewed and ranked by the ESD Early Career Development Grants committee, selected by the Division Director. The committee will use the following criteria in evaluating proposals:

- 1) The potential scientific impact of the proposed project.
- 2) The proposal's consistency with the Earth Sciences mission.
- 3) The probability that the program development activity will be successful/achievable (i.e. realistic target, realistic approach, are the individuals capable of successfully carrying out the project?)
- 4) The potential of the proposed effort to lead to a significant contribution to the national needs (i.e. technical community, industry, marketplace, government decision-making).

The committee will prepare a rank-ordered list of projects for funding based on the written proposals and submit their recommendations to the Division Director. The Division Director will evaluate the recommendations and will make the final selection.

REPORTING:

The grant recipients are required to present their results in seminar sessions within one year from the grant initiation. This final report will summarize accomplishments and whatever outcomes are known at the time. The committee will report back to the Division Council on the ECDG program on an annual basis. Grant recipients may also be required to report results and outcomes to the Technology Transfer Department and the Lab Directorate upon request.

EARLY CAREER DEVELOPMENT GRANTS COMMITTEE MEMBERS FOR 2013

- 1) Greg Newman, Chair
- 2) Mark Conrad
- 3) Tim Kneafsey
- 4) Carol Valladao