



Advancing
Science
Excellence in
North
Dakota

*Experimental Program to
Stimulate Competitive Research*

www.ndepscor.nodak.edu

GRADUATE STUDENT RESEARCH OPPORTUNITIES

FUNDS AVAILABLE: Up to \$70,000

Issued: March 10, 2009

Deadline: Noon, April 8, 2009

TO: UND and NDSU Faculty in Sciences, Engineering, and Mathematics

FROM: Dr. Paul S. Hardersen, Director, ND NASA EPSCoR

RE: ND NASA EPSCoR Graduate Student Research Opportunities

North Dakota NASA EPSCoR is currently soliciting graduate student research proposals from University of North Dakota (UND) and North Dakota State University (NDSU) faculty in physical sciences, engineering, and mathematics. Graduate Research Assistantships (GRA) provide a stipend to graduate students who are conducting NASA-relevant research for the regular academic year (August-April) and/or during an academic summer session. This RFP does not provide tuition waiver funding.

Awards require 3:1 match from the PI, meaning, the PI must supply \$1 in match for every \$3 from NASA. Acceptable sources of match include state-appropriated faculty salary and cash. Match can only be applied to the time period of the award. All awards require an end-of-year report to be filed with the ND EPSCoR office. The goal of this NASA EPSCoR funding is to facilitate graduate student research in NASA-relevant research areas, to foster greater quality and quantity of NASA-relevant research in ND, and to encourage these students to enter the NASA and/or technical workforce.

Submissions must be consistent with one or more components of the 2006 NASA Strategic Plan, which can be found at: www.nasa.gov/pdf/142302main_2006_NASA_Strategic_Plan.pdf.

Preference will be given to proposals that align with ND NASA EPSCoR research priorities, which include planetary space suit research, astronomical/planetary science research, Earth sciences research, and materials science research. One major goal of the ND NASA EPSCoR program is to establish and nurture niche, NASA-related research focus areas in North Dakota that will attract additional NASA research funding to the state. Visit the ND NASA EPSCoR web site at: www.ndnasaepscor.space.edu for more information.

Graduate student research funds will be available beginning May 1, 2009, and must be spent no later than April 15, 2010.

Checklist Requirements (submit in the following order):

1. Cover page must list principal investigator (PI) contact information, student contact information, amount of requested funds, department chair signature, college dean/head signature, and a statement that the PI has/has not received ND NASA EPSCoR funding since July 1, 2008.
2. A 5-page description of the proposed graduate student research, how the student will conduct the research with his/her faculty advisor, its relevance to NASA, and how the research will benefit or facilitate the PI's and student's research activities.
3. A detailed budget. Use the Budget Summary form at this web site: www.ndepscor.nodak.edu/rfps/documents/NASABudgetform04220051206_001.doc. Include a one-page budget narrative along with the Budget Summary that itemizes, describes, and justifies each budget item. Include a separate, more detailed budget, if necessary, to provide

sufficient detail. A lack of sufficient budget detail will adversely impact the evaluation of a proposal.

4. Include a statement describing how a graduate student will benefit from this funding.

Original plus five stapled copies of proposals are due in to your campus ND EPSCoR office by noon, April 8, 2009. Also, an electronic submission of the proposal as a single, unlocked PDF attachment must be sent to Carla Kellner at carla.kellner@und.nodak.edu.

Following the review process by the committee, PIs will be contacted to gain a signed transmittal form. NDSU transmittal forms are available through Sponsored Programs Administration at www.ndsu.nodak.edu/research/spa/index.php. The UND form can be found at: www.und.edu/dept/rdc/InternalForms.htm. Award letters will be mailed after the signed transmittal forms are submitted to EPSCoR.

Questions regarding this announcement can be addressed to Paul S. Hardersen, Director, ND NASA EPSCoR, (Hardersen@space.edu, 701-777-4896) or Carla Kellner (Carla.Kellner@und.nodak.edu, 701-777-2492).