

GRANTS FOR FACULTY RESEARCH

The Porter Foundation Awards for Research in Sustainability Science*

Environmental degradation and lack of sustainable living practices are among the world's most pressing issues. Reductions in ecosystem quality are having far-reaching effects on natural resources, and the economic and political security of all nations. Effective programs incorporating science, technology and social science are urgently needed to equip the nation's scientists, business leaders and policy makers with the knowledge to address global environmental issues and sustainability.

The complexity of these issues demands careful analysis and innovative research, firmly placed within a rigorous multidisciplinary framework that brings together environmental sciences, social sciences and the broader community. The Porter Foundation has identified a strong need for support for scientists and educators who will bring novel perspectives to these issues, identify critical metrics for the health of the planet, and assist with the training of future generations to understand the interactions between our natural and social systems.

The overarching goals of this new 3-5 year program are to further environmental research and education at Dartmouth by providing faculty and students with support for research directed towards understanding the health of the planet and developing effective and sustainable global environmental practices. Preference will be given to work which leverages other proposals, supports interdisciplinary work, provides pilot funding in promising areas related directly to assessing sustainability, identifies methods to restore biological diversity, and/or strengthen bridges between scientists and social scientists who are working on critical environmental problems.

Application Procedures - each application should include:

- CV for PI and Co-PI(s), if applicable
- Research Proposal (limited to 3 single-spaced pages) that includes a general overview of the proposed research and specifically describes the components related to the stated goals. Anticipated outcomes should be described.
- Detailed Budget of \$20,000 to \$50,000 for one year. PI support is not allowed, but support for other personnel, supplies, travel, etc. is permitted. In exceptional cases, a second year of funding will be considered at the outset.
- Brief description of related proposals or funding requests.
- Proposals must be submitted electronically as PDF documents to Megan.S.Steven@Dartmouth.edu
- Email questions to Megan.S.Steven@Dartmouth.edu

Dates: Proposals are due December 15, 2009 with notice of awards by January 15, 2010. Additional rounds of proposals are planned for Winter 2011 and Winter 2012.

**Sustainability Science is an emerging field of research dealing with the interactions between natural and social systems, and with how those interactions affect the challenge of sustainability: meeting the needs of present and future generations while substantially reducing poverty and conserving the planet's life support systems.*

GRANTS FOR STUDENT RESEARCH

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The complexity of these issues demands careful analysis and innovative research, firmly placed within a rigorous multidisciplinary framework that brings together environmental sciences, social sciences and the broader community. The goal of this program is to provide research awards to Dartmouth Arts & Science faculty to support the training of the next generation of students to assume leadership roles in developing sustainability science. These grants will fund student research internships and fellowships on projects that are directly related to sustainability science, and overseen by faculty in the Arts & Sciences. Graduate students and third and fourth year undergraduate students are eligible for these competitive awards.

Application Procedures - each application should include:

- CV for PI, Co-PI(s), if applicable, and the student, if the student has already been identified.
- Research Proposal (limited to 3 single-spaced pages) that includes a general overview of the proposed research and specifically describes components related to the stated goals. Anticipated outcomes should be described
- Detailed Budget of \$5,000 for one year; can include stipend support for undergraduate or graduate students, costs of supplies, travel, etc.
- Proposals must be submitted electronically as PDF documents to Megan.S.Steven@Dartmouth.edu
- Email questions to Megan.S.Steven@Dartmouth.edu

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