

RODMAN SCHOLARS UNDERGRADUATE SUSTAINABILITY RESEARCH GRANT

2009-2010 Application

Due Friday, December 7th, 2009, 5:00 pm



The Rodman Scholars proudly announce an open, competitive grant program to support high-value research and engineering design projects pertaining to sustainability. The application is open to *all* undergraduate engineering students, and may include team members from outside the Engineering School (although the principal investigator must be a SEAS student). Up to five grants of \$3,000 per project will be awarded by a selection committee consisting of faculty and students. Students may pursue projects independently or collaboratively (team-based) at UVA or abroad. This initiative aims to support sustainability research and design activities, provide additional needed support for undergraduate research, and contribute to awareness (critical mass) of sustainability issues within and beyond the university community. Upon completion of their research, students are strongly encouraged to circulate their research among the greater academic community through presentation at poster sessions, colloquia, and research fairs.

†This application is available at <http://rodmanscholars.org/grant>

Rodman Scholars Sustainability Grant

APPLICATION CHECKLIST:

- Faculty Endorsement by email to rodman-grants@email.virginia.edu
- Relevant Course Work, Research, and Experiences.
- At least one letter of recommendation, up to three. For team-based submissions, letters should be written on behalf of the team, and speak to the effectiveness of the members to work together. Please ask recommenders to submit electronically to rodman-grants@email.virginia.edu with your name in the subject line. Faculty letters are due by Monday, December 14th at 5:00 pm.
- Project Time-line
- One-Page Project Proposal
- Signed Student Statement
- Unofficial SIS Transcript (one for each member of the team)

All student documents are due electronically by 5:00pm December 7th.

CRITERIA

- Fourth year students are eligible to apply, but they must complete and document their research by the end of the Spring Semester.
- First, Second, and Third year students are eligible, and will be expected to turn in their work at the end of the Fall 2010 semester. An interim progress report due at the end of the 2010 spring semester.
- You must state if you are applying for other sources of funding.
- Teams must specify the role of each member on the team.
- Interviews may be granted after the submission deadline.

TO BE COMPLETED IF AWARDED GRANT

- Internal Review Board approval
- International Studies Office approval

Please submit your responses to the following questions in a typed document or documents. Please email all application materials to rodman-grants@email.virginia.edu (preferred) or drop off paper copies to Professor Dana Elzey in Wilsdorf 11. Note that the @email.virginia.edu is required in the address. You will receive a confirmation email of your email submission within 1 day.

Rodman Scholars Sustainability Grant

STUDENT INFORMATION:

Please complete the following for each member of the team.

Full Name:

Year:

Email Address:

Phone Number:

Major(s):

Project Title:

Are you proposing to travel internationally? If so, to what country?:

Advisor and Department:

Advisor's Email Address:

Names of any additional references:

Team Description

If you are applying as a team, please be aware of the following requirements.

- Teams must provide a description of the role of each member.
- Principal Investigators must be SEAS students, and may be asked to participate in an interview after the submission deadline.

FACULTY ADVISOR ENDORSEMENT

Please have your faculty advisor read the following and acknowledge his/her agreement in an email to rodman-grants@email.virginia.edu His/her response need not be a separate email from that supplying the recommendation of the student applicant.

- I agree to oversee the student's work.
- I approve the student's proposed budget.
- If the project involves human and/or animal subjects, I will advise my student to comply with the policies of the University's Institutional Review Boards. I understand that I may be required to undergo online IRB training.
- If the project involves international travel, I will advise my student to register with the International Studies Office, attend a pre-departure orientation, and comply with any other ISO requirements.
- I will review the student's final project and submit a one-page final evaluation to the Rodman Grant Council. (This evaluation will be due in Fall 2010; you will be informed by e-mail of this and any other deadlines.)

Rodman Scholars Sustainability Grant

ONE PAGE RESEARCH PROPOSAL

In one page, please describe your proposed research and how it pertains to sustainability. Please describe why your research is important and what you will do with your results. An additional page may be used for figures and references.

PROJECT TIME-LINE

Please provide a short description (2+ sentences) of your anticipated activities for each season.

Winter 2009-2010

Spring 2010

Summer 2010

Fall 2010

RELEVANT COURSE WORK, PRIOR RESEARCH EXPERIENCES AND RELEVANT EXPERIENCES

Please describe any courses or independent studies that you believe pertain to the successful outcome of your proposed project.

ITEMIZED ANTICIPATED BUDGET

Please describe your anticipated budget in terms of the following categories:

Transportation: Air, Bus, Boat, Taxi, Gas, Train etc...

Meals

Lodging: Rent, Hotel, Hostel, etc..

Supplies: Lab supplies, Equipment, etc...

Travel Clinic: Immunizations, Medications, etc...

Other:

Total: _____

How did you hear about the Rodman Scholars Sustainability Research Grant?

Rodman Scholars Sustainability Grant

STUDENT AGREEMENT

Your agreement to the following is necessary for your consideration of the grant. Please print, sign, and deliver this agreement to Professor Dana Elzey in Wilsdorf 11 by December 11th or scan this form and submit it along with the others to rodman-grants@email.virginia.edu. For team submissions, the signature of all group members is required.

- I promise to adhere to all Rodman Grant procedures, including the submission of my mid-term report, final project, expenditure report, and presentation.
- If my project involves human and/or animal subjects, I will seek advice from my faculty advisor, and I will comply with the policies of the University's Institutional Review Boards.
- If my proposed project involves international travel, I understand that:
 - I may not travel to any location with a U.S. State Department Travel Warning and, if such a warning is issued while I am abroad, I must leave the country immediately in the safest manner possible.
(http://travel.state.gov/travel/cis_pa_tw/tw/tw_1764.html).
 - Prior to my departure, I will register with the International Studies Office, attend a pre-departure orientation, and comply with any other ISO requirements. www.virginia.edu/iso.
 - I am responsible for obtaining a visa and/or work or other permit required for my intended destination.
 - I am responsible for getting appropriate inoculations and overseas health/emergency coverage.
- If I am an international student, I will consult with an international student advisor about my visa status.
- A three-page mid-project progress report will be turned in to the Rodman Council/Grant Council.
- I will be required to present a research poster at the Rodman Research Fair (which coincides with the Days on the lawn) **and** one other on Grounds research symposium.
- I will be required to present a research paper summarizing my findings to the Rodman Council/ Grant Council and submit the paper for publication in a UVA undergraduate research journal (Spectra, Oculus, Wilson, Virginia Policy Review)

Grant Submission And Honor Pledge Signature

Signature: _____

Printed: _____