Rogers Undergraduate Research Award
for the College of Science and Technology

Application Deadline: December 2, 2011

Purpose:
Radford University’s 2012 Rogers Undergraduate Research Award for the College of Science and Technology will fund an outstanding undergraduate research project to be conducted during the spring and summer of 2012 and completed during the 2012-2013 academic year. One award of $500 will be granted on a competitive basis by the College of Science and Technology Scholarship and Awards Committee to a current sophomore or junior undergraduate student enrolled in the College of Science and Technology. Applicants must be full time Radford University undergraduates and must remain enrolled at Radford University through the completion of their project.

Faculty Supervision:
Working in collaboration with a Radford University College of Science and Technology faculty member, each award recipient will plan and implement a substantial and significant research project. The student applicant should identify and meet with a faculty sponsor to discuss the proposed project early in the fall semester. The faculty sponsor will write a letter of support on behalf of the student’s proposal. The faculty sponsor of a Rogers Undergraduate Research Award winner will submit a narrative assessment of the student’s project upon its completion and no later than April 26, 2013.

Proposing a Project:
Applicants are encouraged to think creatively in designing their research projects. Proposals focusing on any of the degree programs in the College of Science and Technology will be considered. The integration of interdisciplinary approaches is encouraged. Projects may incorporate travel for field work and purchase of laboratory equipment and supplies as appropriate. A stipend for conducting the research is not permitted as a budget expense.

Final Product:
During the research project, it is expected that the award recipient will create a bibliography of relevant literature, read previous reports to research the topic, formulate an hypothesis if appropriate, establish contacts with professionals in the field as necessary, produce a final product in the form of a professional manuscript or exhibit and present the results of the project at the RU Undergraduate/Graduate Student Engagement Forum in April, 2013. Presentation of the results at an off-campus professional meeting is highly encouraged. The Rogers Undergraduate Research Award presented in spring 2012 must be used by the end of March 2013, or the remainder is forfeited. Final projects in an electronic and printed format must be submitted to the College of Science and Technology Scholarship and Awards Committee by April 26, 2013 along with the faculty sponsor’s assessment and a report from the student accounting for the expenditure of award funds.
Applying:
Current sophomore and junior undergraduate students who wish to apply must submit five collated sets of the following materials.

1. Application form

2. A clear, concise description of the proposed research project (maximum one page, single-spaced, one inch margins, 12 point font). The applicant should explain what is to be done, where the research will be conducted, and what the final product will be. The applicant also should indicate what impact the research project will have on his or her intellectual development, current professional research in this discipline and any ongoing research program (such as an Independent Study, Directed Study and Research or Undergraduate Research project).

3. Undergraduate transcript – a minimum GPA of 3.0 in the major is required

4. Two letters of recommendation from faculty members are required. One letter of support must be from the student’s project advisor. The advisor should explain the basis for concluding that the student is capable of completing the project at a high level of quality.

5. An itemized budget of anticipated expenses, including travel, supplies, equipment and materials as appropriate.

6. A list of relevant coursework that has been completed by the applicant

7. Relevant prior experience of the applicant

8. Project implementation time line
Rogers Undergraduate Research Award Application for the College of Science and Technology 2012

DEADLINE: Noon on Friday, December 2, 2011
Office of the Dean, College of Science and Technology - 127 Davis Hall
Late applications WILL NOT be considered.

Please submit five collated sets of the complete application.

Application Checklist
Please check off each item to show that your application is complete.

- Signed faculty advisor endorsement
- Signed student statement
- One-page research project proposal
- Transcript
- Two letters of reference (one from research advisor and one from another professor)
- Itemized anticipated budget and description
- Relevant course work
- Relevant prior experiences and/or research
- Project timeline

Name:__________________________________________

Year (check one):  □ Sophomore  □ Junior

E-mail Address:______________________________________

Phone Number:_____________________________________

Major(s):__________________________________________

Academic category of your proposal (check one)

☐ Biology  ☐ Chemistry  ☐ Computer Science and Technology
☐ Information Science and Systems  ☐ Mathematics and Statistics
☐ Anthropological Sciences  ☐ Geology  ☐ Geospatial Science
☐ Physics

Project Title:________________________________________

Advisor:___________________________________________

Advisor’s department:________________________________

Advisor’s e-mail address:______________________________
Faculty Advisor Endorsement

Faculty Advisor: Please initial the following items and sign below.

I agree to supervise the work of ________________________ (insert student’s name).

If the project involves human and/or animal subjects, I will advise my student to comply with the policies of the Radford University Institutional Review Board. I understand that I may be required to undergo online IRB training or approval from Institutional Animal Care and Use Committee.

I will review the student’s final project and submit a one-page final evaluation to the Award Committee. (This evaluation will be due no later than April 26, 2013; you will be informed by e-mail of this and any other deadlines.)

____________________________________  ______________________
Signature of Faculty Advisor  Date

Student Statement

Student: Please initial the following items and sign below.

I agree to adhere to all Rogers Award procedures, including the submission of my mid-term report, final project, 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 Radford University Institutional Review Board or the Institutional Animal Care and Use Committee.

____________________________________  ______________________
Signature of Student  Date

Research Proposal

Attach a clear, concise description of the proposed research project (maximum 1 page, single-spaced, 1 inch margins, 12 point font). Explain what is to be done, where the research will be conducted, and what will be the final product. Include background on the topic, a clear statement of your proposed methodology, and the significance of the project. Include IRB and/or IACUC documentation of project approval if appropriate. You should also indicate what impact the research project will have on your intellectual development, current professional research in this discipline and any ongoing research program (such as an Independent Study, Directed Study and Research or Undergraduate Research project).
Relevant Course Work:______________________________________________________________

Prior Relevant Experiences and/or Research:__________________________________________

| Itemized Anticipated Budget and Description: (Maximum award amount up to $500) |
|-----------------------------------------------|-----------------------------------------------|
| Travel                                        |                                              |
|                                              |                                              |
| Consumable Supplies                          |                                              |
| Reusable Supplies                            |                                              |
| Equipment                                     |                                              |
| Other                                         |                                              |
| Total                                         |                                              |

Project Time Line Description:

Spring 2012:______________________________________________________________

Summer 2012:______________________________________________________________

Fall 2012:______________________________________________________________

Spring 2013:______________________________________________________________