RIVER BASINS RESEARCH INITIATIVE
2008 SUMMER PROGRAM

FOR UPPER LEVEL MAJORS IN BIOLOGY, CHEMISTRY,
and EARTH and ENVIRONMENTAL SCIENCES

The Program
Fifteen Earth Science, Biology, and Chemistry majors will join eight faculties in a research project to understand the impact of urbanization on the biogeochemistry, biodiversity, geomorphology and hydrology in two large watersheds in the Piedmont of South Carolina. Students between their junior and senior years will be given preference but rising juniors should not hesitate to apply.

Students will work in multi-disciplinary teams on all phases of the broad research problem, but will focus with a faculty mentor on one aspect of the problem. This will enable the student to experience all phases of the research and to interact with faculty and students from disciplines outside of their own.

The program will run for 10 weeks (June 2 - August 6) and will be located on the Furman University campus. Students will be housed in apartment-style facilities on the campus.

Stipends and Housing
Each student will receive a stipend of $3,500 for the 10-week period. Housing will be furnished by the university. The 2008 River Basins Research Initiative Summer Program is supported by a grant from the National Science Foundation Research Experiences for Undergraduates Program. Additional support comes from Furman University.

How to Apply
Applicants must be citizens or permanent residents of the United States and its possessions and must be enrolled in a degree program leading to a bachelor’s degree in biology, chemistry, or the earth and environmental sciences. Students who will receive their degree prior to August 2008 are not eligible.

Applicants are strongly encouraged to submit applications online at: http://rbri.furman.edu or download the PDF version (attached below) and mail the completed application to the address specified. An undergraduate transcript and letters of recommendation from two faculty members in your major department are required. Application from women and minority groups are encouraged. The deadline for submission is March 14, 2008. Selection and notification for the program will be made by March 28.
Name _____________________________________________________________________________

Campus Address: ______________________________________
__________________________________________________________________________
__________________________________________________________________________

Campus Phone: ______________________

Home Address: ______________________________________
__________________________________________________________________________
__________________________________________________________________________

Home Phone:________________________

E-mail Address:________________________________________

Department: _________________________     Dept. Phone: ________________________

Male □     Female □

Ethnic Background: □ African American    □ Caucasian
□ Pacific Islander     □ Native American
□ Hispanic     □ Other

Highest level of college completed as of May, 2008._____________ Major _______________

SAT scores: verbal ________ math ________ or ACT score: ___________

References: Please list below the names, institutions, and office phone numbers of two former or current professors who
 can provide recommendations what will help us make our decision. If submitting electronically, please have them send
 their recommendations by E-mail to brannon.andersen@furman.edu. If submitting by mail, ask each of them to provide
 you with a recommendation in a sealed and signed envelope and submit along with your application.

Name: ____________________________

Institution: ________________________

Phone: ____________________________

Name: ____________________________

Institution: ________________________

Phone: ____________________________

Name of a faculty member in your major department who would be willing to serve as a mentor if you chose
 to continue with the watershed research during the next academic year:

Mentor: ___________________________________________________________________________

How did you learn of this program? □ Faculty Member □ NSF Website □ CUR Announcement
□ Other __________________________________________

Note: Please include the following with your application package

1. An official transcript (or a photocopy of it) of your college record including the courses you are taking
   this term.
2. A brief written statement explaining: a) The reasons why you are interested in participating in our
   research program, and b) How this experience will enhance your career goals.

The deadline for receipt is March 14, 2008

Submit the completed application with necessary information to:
Dr. Brannon Andersen
Department of Earth and Environmental Sciences
Furman University
Greenville, South Carolina 29613