This is an application for the Mathematics Department RTG undergraduate research stipend. An RTG stipend provides students with $3000.00 for one year to carry out research. Be aware that the University restricts the amount a student can earn, depending on hours completed and coursework load.

Stipend recipients are expected to work with a mentoring team, attend an RTG seminar, present the results of their research to the seminar, and write a final report on their research. Six stipends will be awarded each year. Students may apply as many times as they wish.

STUDENTS FROM ANY UT MAJOR MAY APPLY (applicants must be full-time undergraduate students at UT Austin; they MUST also be United States nationals or permanent residents). However, Applicants should have i) chosen a project they plan to work on; ii) obtained the agreement of a UT faculty member or UT researcher who will supervise the research; and iii) insured that the proposed project has a strong mathematical component. The supervisor need not be in the Mathematics Department. Note: students who work with human subjects or with animals may need University approval to perform their research.

Stipends are competitive and are awarded on the basis of student ability and the quality of the research proposed. A project may be interdisciplinary and involve faculty from several departments. All applicants are asked to complete an information form; to obtain a letter of recommendation from their sponsoring faculty, or researcher; to describe the research proposed; and to describe their background in the topic proposed. Forms for these are found on the following pages.

Stipends are awarded for research during Fall and Spring semesters; the "fast-track" system allows you to submit at any time (though your actual work must be in Fall or Spring semester).

Application forms are attached. You are to fill out the following three pages and mail or hand-deliver them to the address below. The last page should be given to the researcher who will supervise your work. They should email or return the forms separately.

You may return your forms to the Mathematics Department, or mail to:
Prof. Kathy Davis
Mathematics Department, RLM 8.100
26th and Speedway
The University of Texas at Austin
Austin, TX  78712

You are encouraged to contact the RTG selection committee directly. The committee is willing to read your proposal in advance and give you advice on improving it.

Contact Kathy Davis in RLM 9.138, by emailing davis@math.utexas.edu.
RTG UNDERGRADUATE RESEARCH STIPEND APPLICATION
PERSONAL INFORMATION FORM

Part 1) Information we need, to contact you about your proposal.

Name _______________________________ EID __________________________

Street Address ______________________________________________________

City __________________ State _______ Zip _________ Phone(home/work) ________________________

Email Address _______________________________________________________

Part 2) Information we need about your background.

College ___________________________ Major ____________________________ Year ____________

Supervisor Name ________________________________

Supervisor Department _____________________________________________
( The faculty member who will supervise your research)

Part 3) Information we need about your proposed research.

Title of Project ______________________________________________________

Overview of Research Proposed***

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

(*** use additional pages, if you prefer them)
Please describe your background in research, or in the area in which you propose to do research. Some topics you might want to include: relevant coursework (for example: course number M427K and course title Differential Equations); previous research experience (you might include name of research supervisor and results attained; you could attach copies of research published); laboratory skills; computer skills.
Please describe the research you propose to carry out; the committee would like to know what is on your mind. You can attach additional sheets if you want, but try to keep your discussion to three or four pages. You MUST talk about the mathematical content of the proposal. Some topics you might want to include: the research topic and its importance; background or bibliography; goals you hope to achieve; your previous experience with this topic, or, any preliminary results you have. If you have a collaborator on the project, who is also applying for a stipend, discuss what each of you will contribute.
**RTG Undergraduate Research Stipend Application**

**Recommendation Form**

*To be completed by the student:*

Name __________________________  EID __________________

Phone (home/work) __________  Email Address __________________________

Privacy Waiver:

I DO waive my right to see copies of this recommendation (signed) __________________________

I DO NOT waive my right to see copies of this recommendation (signed) __________________________

*To be completed by the faculty:*

The above student has applied for a Mathematics Department RTG Research Stipend; stipends are $3000.00 for one semester’s research. You can help the RTG Selection Committee by telling us what you know about this student. Some topics you might want to address: how well you know the student; the student’s maturity, motivation, scientific curiosity, initiative — any factor which would indicate the student would or would not be successful at a research project. If you are familiar with the research the student is proposing, we would appreciate your opinion of that as well. You are welcome to write directly on this form. If you like, you can simply email your recommendation to the address below.

Name __________________________  Dept __________________

Signature ______________________  Email Address __________________

Please return via Campus Mail to:  **Kathy Davis**
Mathematics  
RLM 8.100  C1200

Please address questions to: Kathy Davis, RLM 9.138, (512)471-0128, davis@math.utexas.edu