

# Gertrude Flora Ribble Research Scholar Application

NAME: \_\_\_\_\_ Student ID # without the 9: \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_ PERMANENT ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ CITY \_\_\_\_\_

STATE \_\_\_\_\_ STATE \_\_\_\_\_

ZIP \_\_\_\_\_ ZIP \_\_\_\_\_

E-MAIL \_\_\_\_\_ COUNTY \_\_\_\_\_

CURRENT PHONE \_\_\_\_\_ PERMANENT PHONE \_\_\_\_\_

By signing here,

- a. I certify that I am a Kentucky resident and therefore eligible for a Ribble Scholarship.
- b. I give the Department of Biology permission to post my name, picture, and a description of my project on the department website.

Student's signature: \_\_\_\_\_

Faculty Supervisor (must be a faculty member in the Department of Biology): \_\_\_\_\_

Faculty Supervisor's E-mail Address: \_\_\_\_\_

Campus Address (Room & Building): \_\_\_\_\_

Phone Number: \_\_\_\_\_

Supervisor Signature: \_\_\_\_\_

**IMPORTANT NOTES:** The Ribble Research Scholarship, administered by the Biology Department, will support 4-6 students each academic year with awards of \$1500 each. Applicants must be Kentucky residents entering their junior or senior year of study as *Biology majors* at UK (at least 60 credits earned toward the degree). The award is to encourage high achievement in biological research. Preference will be given to applicants who have not previously received this award.

Criteria for this award are:

- **Kentucky residency** (required by Mrs. Ribble's bequest)
- **Biology major**, junior or senior status when research project begins
- **Faculty mentor in the Biology department**
- Excellent achievement and promise in biology
- Potential for a productive research experience as exemplified by the research plan
- **Need** for scholarship to enhance education

**Ribble Scholars must engage in research for a minimum of 2 semesters for a total of 6 credit hours in BIO 395. \$750 will be disbursed to each Scholar during each of the two academic semesters, the second payment being contingent upon satisfactory progress. Scholars are expected to publicly present their work.**

Application Deadlines:

Fall 2021 Semester: November 30, 2021

Completed proposals should be submitted to [biology@uky.edu](mailto:biology@uky.edu)

I. PERSONAL INFORMATION

Credit Hours earned, including the current semester:

Current Overall GPA:

Expected Graduation Date:

Major GPA:

A. List science and math courses that you plan to take during each of the two semesters you plan to conduct the research:

B. List any previous laboratory research experiences. Briefly describe each project, summarize the results (in 1-2 sentences), and give the name of the faculty member or other supervisor of that research.

C. List other scholarship support you have been awarded.

D. Indicate how this award will relate to your financial needs.

## II. STATEMENT OF CAREER GOALS

Limiting yourself to the following space, describe your professional goals. Describe how this scholarship will enhance your education and future opportunities.

## III. PROJECT PROPOSAL

Attach to this document a typed description of your research project plans. **Your proposal should be organized into the following five sections and must not exceed three single-spaced typed pages.**

A. **Introduction & Background** (One-half, single-spaced page *maximum*)

State the hypotheses to be addressed in the research and relate your proposed research to relevant previous work by you, your mentor, or others.

B. **Specific Aims** (No more than five sentences)

Describe what you want to learn or accomplish

C. **Project Description** (One single-spaced page *maximum*)

Describe the experiments to be performed and the purpose of these methods in relation to your aims. Avoid using scientific jargon and abbreviations. Make sure to spell out any abbreviations.

D. **Expected Results** (One single-spaced page *maximum*)

Explain what the expected results from your research will be, and how they would relate to your aims.

E. **Literature Cited**

Cite essential references including author names, date, title, journal, volume, and page numbers.

Brevity and clarity are essential features of good scientific writing. The entire Proposal must not exceed three single-spaced pages.

Review of the proposal will analyze the student's grasp of the research project, its rationales and implications. The student, in consultation with the faculty sponsor, must author this proposal.