Application for Wright W. and Annie Rea Cross Mathematics Undergraduate Research Scholarship

Department of Mathematics

The University of Southern Mississippi

Return this form, short biography, unofficial transcript and a one-page proposal (if applicable) to Prof. Zhifu Xie (Southern Hall 310) in the Department of Mathematics (or email a single pdf file application to Zhifu.xie@usm.edu). The deadline for the 2018-2019 Cross Scholarship is September 7, 2018. You will be notified once a decision is made.

What is the Wright W. and Annie Rea Cross Mathematics Undergraduate Research Scholarship?

- The Department of Mathematics offers students the opportunity to apply for one of the Wright W. and Annie Rea Cross Mathematics Undergraduate Research Scholarships. These scholarships are designed to support students to participate in undergraduate research in mathematics. The goal is to provide valuable educational experience for talented undergraduate students through participation in faculty’s ongoing research programs or in research projects specifically designed by or for the scholarship recipients.
- Students majoring in mathematics, including students majoring in the BS in Mathematics with Licensure, at The University of Southern Mississippi are eligible. Mathematics majors or double majors are encouraged to apply. Academic excellence will be the main criterion for selection. Previous recipients who made satisfactory progress in their research are eligible for renewal.
- Completion of some mathematics courses is required for most research projects. In general, MAT167 Calculus I, MAT168 Calculus II, and MAT 285 Introduction to Differential Equations are required. Research topics in applied mathematics or pure mathematics will be carefully chosen to be accessible to scholarship recipients with a suitable background in mathematics.
- These Mathematics Undergraduate Research Scholarships are provided by the Wright W. and Annie Rea Cross Endowment with a stipend of up to $2,000 for each year. Travel support for conference presentations is also available. This is a competitive award and funds are limited. Eligibility does not guarantee an award. Some qualified applicants may receive a research assistantship from a professor’s grant.

Recipients of these scholarships will be required to:

- Be a full-time USM student
- Be a mathematics (including licensure) major or a mathematics minor
- Maintain a minimum GPA of 3.0
- Take MAT 494 (1 credit hour) Undergraduate Mathematics Seminar in every year in which a scholarship is held
Application Information:

1. Name: ____________________________ USM ID: ____________________________

2. USM e-mail address: ____________________________ Phone number: ____________________________

3. Expected semester of graduation

4. Overall GPA: ____________________________ Mathematics GPA: ____________________________

Mathematics courses (including course names) taken:

5. Do you have previous research experience? If yes, please give a brief description.

6. Are you currently working with or plan to work with a specific professor? If so, list the professor’s name here and please submit a one-page project proposal or summary with your application (on a separate page if applicable).

7. Short biography (on a separate page):

8. Other information (optional): Gender___________ Ethnicity___________

Citizenship__________________________

Are you a first generation college student? Yes( ), No ( ).

“I certify that all of the answers I provided in this application are complete and accurate to the best of my knowledge and, if awarded a Wright W. and Annie Rea Cross Mathematics Undergraduate Research Scholarship, I agree to observe all the rules and regulations of the Cross Undergraduate Research Scholarship Program and of The University of Southern Mississippi. Failure to do so can result in dismissal from the Cross Undergraduate Research Scholarship Program. I certify that all documents submitted as part of this application are authentic and agree that any falsification of documents or omission or misstatement in this application may result in cancellation of the Scholarship.” PLEASE SIGN YOUR NAME IN THE SPACE PROVIDED BELOW TO AGREE WITH THIS STATEMENT.

Applicant Signature ____________________________ Date__________________________