

## **2017 Summer Undergraduate Research Program in Mathematics at University of Southern Mississippi (2017 SURPM-USM)**

*Return this form and a copy of your unofficial transcript to Prof. Zhifu Xie (Southern Hall 310) in the Department of Mathematics (or email a single pdf file application to [Zhifu.xie@usm.edu](mailto:Zhifu.xie@usm.edu) ) by March 8, 2017.*

1. **Research Topic:** Research topics in Applied Mathematics have been carefully chosen to be accessible to those undergraduate research participants with a suitable background in mathematics. Pre-requisites: Calculus I, Calculus II, Differential Equations.
2. **Financial Support:** This work will be mainly supported by the Wright W. and Annie Rea Cross Endowment with a stipend of up to \$3,500 for the summer research program. Travel support and campus housing is available as need.
3. **Tentative Schedule:** The 2017 SURPM at USM will be seven weeks from June 19 to August 4. Participants are expected to work full time for this program.

**You commit to do the following in the 2017 Summer Undergraduate Research Program in Mathematics at USM.**

- A. Oral and written presentations of your research at the end of the summer program.
- B. Presentations of your research at a regional or national research conferences.

### **Application Form**

1. Name:

Expected Graduation Month/Year:

Mailing Address

Email Address:

Phone number:

Major:

Minor:

GPA:

Citizenship:

Gender:

Ethnicity:

Are you a first generation college student in your family? Yes(    );NO(    ).

Mathematics Courses I have taken:

2. Short (1-paragraph) bio (on a separate page if needed) :

3. Do you have previous research experience? If yes, please give a brief description (in needed on a separate page).

“I certify that all of the answers I provided in this application are complete and accurate to the best of my knowledge and, if admitted to the summer REU program, I agree to observe all the rules and regulations of the program and University of Southern Mississippi. Failure to do so can result in dismissal from the program. I agree that all documents submitted as part of this application are authentic and that any falsification of documents or omission or misstatement by me in this application may result in cancellation of my admission to the REU program.” PLEASE SIGN YOUR NAME IN THE SPACE PROVIDED BELOW TO AGREE WITH THIS STATEMENT.

Applicant Signature \_\_\_\_\_ Date \_\_\_\_\_