FRANCIS MARION UNIVERSITY   DEPARTMENT OF MATHEMATICS

2018 MAA SOUTHEAST SECTIONAL MEETING APPLICATION

CLEMSON UNIVERSITY   MARCH 22-24, 2018

Date: _____   **Full Name:** _____

Mobile Telephone Number: _____

Email Address: _____   **FMU Student Number:** _____

Major: _____   **Minor:** _____

Number of Hours Earned: _____ (as of January 2018)

FM Math Activities in which you participated: _____

Willing to Participate in Math Jeopardy at Meeting? _____ (Yes/No)

Two FMU Faculty References: (1) _____   (2) _____

All students awarded the FMU REAL Grant to attend the MAA SOUTHEASTERN SECTIONAL MEETING are required to write two reflections (pre and post). Return your completed application and Pre-Reflection Letter to Dr. Daniel Brauss, LSF 409F, no later than **March 2nd, 2018**.

(Pre-Reflection)

Attach a typed, double-spaced 1-2 page letter to Dr. Tom Fitzkee addressing the following

1. Describe your expectations of the MAA Southeast Sectional Meeting. Why are you interested in attending? What do you expect to get from the experience and what can you contribute to the experience?
2. Discuss 3 strengths and 3 weaknesses (opportunities for growth) you have concerning your growth and progress in mathematics.   What area of mathematics (research) would you be interested to study and what applications of mathematics interest you.
3. State your future career plans, your interest in going to graduate school and the type of jobs that you have interest pursuing.

(Post-Reflection)

After the MAA Meeting, type a double-spaced 1-2 page letter to Dr. Fitzkee addressing the following

1. During the MAA, discuss with another student (i) their college or university experience, (ii) their growth and progress in their major, (iii) and their future plans, career, and job interests. Write a summary.
2. Attend a student or faculty talk, short course, or workshop. Write a review (2 paragraphs summarizing what was learned, what you liked, and what you would do differently).
3. State an area of mathematics and a topic in that area that you would be interested to research and present. Discuss the reasons for your interest and what would be the purpose or goal of your research.

2018 MATHEMATICAL ASSOCIATION OF AMERICA (MAA) SOUTHEAST SECTIONAL MEETING

CLEMSON UNIVERSITY

MARCH 22-24, 2018

WHAT IS IT?

The 2018 MAA Southeast Sectional Meeting is a two-day event that takes place each year in the spring. Travel and stay for the meeting are funded in part by an FMU REAL Grant.

After arriving Thursday afternoon March 22nd, students will spend the evening participating in a Mathematics Treasure Hunt. Friday morning will start with a Math Jeopardy Preliminary Competition. After lunch students will have an opportunity to meet with various representatives of graduate programs and meet with potential employers from industry, business, and government.

Friday afternoon, presentations will be given from the special sessions (i) Problems in Differential Equations and Nonlinear Analysis, (ii) Mathematical Experiences and Projects in Business, Industry, and Government (BIG), (iii) Mathematical Identities and Inequalities, (iv) Engaging Activities in Coding Theory, Cryptography, and Number Theory, and (v) Enhancing Personalized Learning in Mathematics through Non-Disposable Assignments, and (vi) Active Learning in Undergraduate Mathematics, and (vii) a Special Session on Research Projects in Discrete Mathematics (http://sections.maa.org/southeastern/2018Conference/?Special_Session_Abstracts).

Saturday morning will have an undergraduate poster session. Following lunch will be a Math Jeopardy Final Competition. Francis Marion students will leave from Clemson at 2:00pm Saturday afternoon.

DATES OF TRAVEL

Students and faculty will depart from Francis Marion University Thursday March 22nd at 2pm. After arrival we will head to our residence and spend the evening participating in Mathematics Treasure Hunt. Friday will involve a Math Jeopardy Competition, a Graduate School and Career Fair, and presentations and posters. Saturday will continue with posters and presentations and end with a Math Jeopardy Final. We will leave Clemson Saturday at 2pm.

COST

The REAL GRANT covers transportation, room costs, and the registration fee. Students are required to pay for their meals during the trip and $50 to secure their participation.

PARAMETERS OF PARTICIPATION

Dr. Fitzkee and Dr. Daniel Brauss will oversee the trip. Students must be prepared to learn, participate, take notes and conduct themselves in a professional manner as they represent Francis Marion University.

PREFERENCES FOR REAL GRANT FUNDED STUDENT PARTICIPATION

- Mathematics Major or Minor
- Willingness to participate in Math Jeopardy at the Meeting
- Registered FMU student during both Fall 2017 and Spring 2018
- Senior, junior, or sophomore class as of the Fall 2018 semester
- Two faculty references (Letters of Reference by Faculty are **not** necessary).

APPLICATION REVIEW PROCESS

Applications are available from Dr. Daniel Brauss (LSF 409F / DBrauss@FMarion.edu / 843–661–1477) and are due no later than 2:00pm on Friday March 2nd, 2018. Review of applications will begin soon after. Students selected to attend will be notified by Wednesday March 7th and must submit a $50 deposit by Friday March 9th.