DEPARTMENT OF MATHEMATICS
1523 Greene St.
Columbia, SC 29208

Ronda Sanders
sanders@math.sc.edu
(803) 777-7440

February 6, 2020

Dear USC Undergraduate or Graduate Student,

You are invited to join the Gamecock Math Club (GMC), a friendly community for those students, faculty, and staff at the University of South Carolina interested in mathematics. For those who qualify, you are strongly encouraged to join Pi Mu Epsilon (PME), a national mathematics honor society, as well as the Gamecock Math Club. The purpose of PME/GMC is to bring together students, professors, and professionals in order to promote scholarly activity and to serve the university and the community. PME and GMC jointly organize and participate in activities throughout the year. To learn more about these official student organizations, including activities and benefits, please visit our webpage

http://people.math.sc.edu/pme/

or our Facebook page

Pi Mu Epsilon and Gamecock Math Club - University of South Carolina

Membership in the Gamecock Math Club is open to all full-time USC students. Membership in Pi Mu Epsilon is open to those students who meet the following criteria as set by the national PME organization. Transfer and AP credit may be used.

An Undergraduate Student must satisfy each of the following:
1. a full-time student who is a candidate for an undergraduate degree at USC
2. completed Math 142 Calculus II
3. completed at least 2 math courses numbered strictly larger than 142
4. at least 3.0 GPA in all math courses taken
5. at least 3.0 GPA overall

A Graduate Student must satisfy each of the following:
1. a full-time student who is a candidate for a graduate degree in mathematics at USC
2. would have met the above undergraduate student criteria (2-5) while an undergraduate
3. at least 3.0 GPA in mathematics courses during the last school year prior to their election

If you would like to join (or renew your membership to) PME/GMC, please complete the PME/GMC application form, which has further instructions and is available from the PME/GMC webpage. Application deadline and our Spring Initiation Ceremony (friends and family welcome) are

Tuesday, February 18, 2020 at 6:30pm in LC 312.

We will have pizza starting at 6:00pm in the Undergraduate Student Lounge (LC 311) followed by the initiation ceremony at 6:30pm and a student seminar "Tangled Up in Red, Green, and Blue (with Apologies to Bob Dylan): An Introduction to the Mathematical Theory of Knots" at 7:00pm.

If you have any questions, please contact one of our PME/GMC faculty advisors.

Ronda Sanders
sanders@math.sc.edu
LC 300G

Erin Hanna
ephana@math.sc.edu
LC 300D

Dr. Changhui Tan
tan@math.sc.edu
LC 3170
Application Form for Pi Mu Epsilon and/or the Gamecock Math Club

This form and the invitation letter are also available at http://people.math.sc.edu/pme/

Contact Information (please print clearly)

Name: __________________________________________

e-mail: must be one of the two forms by new USC policy

____________________________________@email.sc.edu (mostly for undergraduates)

____________________________________@mailbox.sc.edu (mostly for graduates)

Major: __________________________________________

Non-math. interests: __________________________________________

Member since: Spring _______ or Fall _______ (fill in the year)

Check one box to join PME.

☐ New PME member ($40 membership fee) (Must also complete the PME Criteria Verification Form.)

☐ Current PME member who has not paid the local dues for AY 19-20 ($10 membership fee)

☐ Current PME member who has paid the local dues for AY 19-20 ($0 membership fee)

Current PME members who wish to remain active pay $10 in annual local dues. New PME members pay $30 in one-time life-long national PME membership dues and $10 in annual local dues.

Check one box to join GMC.

☐ GMC member who is not in PME ($10 membership fee)

☐ Member of both GMC and PME who has paid the local dues for AY 19-20 ($0 membership fee)

The GMC annual AY 19-20 membership fee is $10 for non-PME members and is free for PME members who have paid their $10 local dues for PME.

Instructions.

Return in a sealed envelope:

- Completed Application Form for PME/GMC
- Membership fees/dues (make check payable to Pi Mu Epsilon),
- a fun photo of yourself with your name and date on the back of it for the PME/GMC bulletin board.
- New PME members should also return the PME Criteria Verification Form. (see PME/GMC webpage)

Either

- Bring to our Spring Initiation Ceremony on Tuesday, February 18 at 6:30pm in LC 312.
- Put in the PME/GMC mailbox or Ronda Sanders mailbox in LC 411 prior to the Spring Initiation Ceremony.

If you have questions, please contact a PME/GMC faculty advisor. Contact information is on the invitation letter.
Pi Mu Epsilon Criteria Verification Form
2 pages and only for NEW PME members
All necessary forms and the invitation letter are available at http://people.math.sc.edu/pme/

Step 0: Current Semester: Fall 20____ or Spring 20____

Step 1: Your Name: ____________________________________________

Step 2: Provide your (permanent) address to which to send a copy of a Pi Mu Epsilon Journal.
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Step 3: Fill out the next page (Math Courses Taken and Math GPA Calculation).

Step 4: Check the Criterion box that you meet and fill in your GPA on the appropriate lines.
Membership in PME is open to those students meeting the criteria. GPA's are on a 0-4 scale. Transfer and advanced placement credit may be used to meet these criteria.

☐ Undergraduate Student satisfying each of the below 5 criteria. Math GPA _____ Overall GPA _____
1. a full time student who is a candidate for an undergraduate degree at USC
2. completed Math 142
3. completed at least 2 math course numbered strictly larger than 142
4. at least a 3.0 GPA in all math courses taken
5. at least an overall 3.0 GPA

☐ Graduate Student satisfying each of the below 3 criteria. Undergrad. Math GPA _____ Undergrad. Overall GPA _____
1. a full time student who is a candidate for a graduate degree in mathematics at USC
2. would have met the above undergraduate student criteria while an undergraduate student
3. at least a 3.0 GPA in mathematics courses during their last school year prior to their election

Step 5: Attach a copy of your transcript (from VIP is fine) which has highlighted all the Math courses you have taken (at USC, another university, or AP) as well as your overall GPA.

Step 6: I verify that all information provided is accurate.

Signature: ____________________________________________________________
For Step 3:

Math Courses Taken and Math GPA Calculation

In the table below, include:

- all math courses taken at a university or college
- all AP math courses for which you received AP credit.

<table>
<thead>
<tr>
<th>course (eg: Math 142/Calc. II)</th>
<th>place (eg: USC, AP)</th>
<th>semester</th>
<th>grade factor 1</th>
<th>credit hours</th>
<th>grade points 2</th>
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TOTAL

Your GPA in all math courses taken is now calculated by:

\[
\text{Math GPA} = \frac{\text{total grade points from above table}}{\text{total semester credit hours from above table}} = \quad \approx \quad
\]

If so needed, visit the USC Registrar's web page Rules for Computing Grade Point Average. ³

Graduate Students: make the obvious modifications.

¹4 for A, 3.5 for B+, 3 for B, 2.5 for C+, 2 for C, 1.5 for D+, 1 for D, 0 for F
²grade points = (grade factor) times (semester credit hours)
³http://registrar.sc.edu/html/gpa_calc/gpa-comp.htm