



Pi Mu Epsilon

Spring 2010 Newsletter

This is the inaugural edition of the Pi Mu Epsilon Chapter Advisor Newsletter. In this semi-annual publication, you will find information about upcoming and past PME events, PME programs, and new PME Chapters from around the country. If you have information or an article which might be helpful for other PME advisors and students, please submit that information to the PME Newsletter Editor, Jacqueline Jensen, via email at jensen@shsu.edu.

In this edition, look for information about PME events at the summer conference (held in conjunction with MAA's MathFest), the Richard A. Good PME Lectureship and Chapter Enhancement Program, and the PME button design contest!

PME Annual Summer Conference 2010

This year's PME Annual Summer Conference will be held in Pittsburgh, PA Wednesday 4 August through Saturday 7 August, 2010. We invite all student members of PME to attend the conference. Register through the PME website (<http://www.pme-math.org>). Students giving talks should register as student speakers, and others should register as delegates. All students who register will be acknowledged in our student program. We will fund transportation expenses up to \$600 each for two student speakers from each PME Chapter. If no one from your chapter plans on giving a paper, we can fund up to half (with a maximum of \$300) of the transportation expenses for one delegate. To qualify for reimbursements, you must participate in the full meeting of PME from the PME-MAA Student Reception Wednesday afternoon to the conclusion of the Frame Lecture. You are also strongly encouraged to attend all student related activities at MathFest and to take the opportunity to attend some of the MAA talks, panels, minicourses, etc. that don't conflict with PME activities. For more details, see the "fine print" on the website.

Student presentations may be on any topic. Presentation time is 15 minutes. We welcome talks including problems, expository research, interesting applications, etc. There are awards for talks with exemplary exposition and also for research talks in popular mathematical areas.

Design the PME 100th Anniversary Button

In expectation of its 100th anniversary celebration in 2014, PME is holding a contest to design a celebratory button. These buttons will initially be distributed at the Joint Mathematics Meetings, January 5 – 8, 2011, in New Orleans, LA.

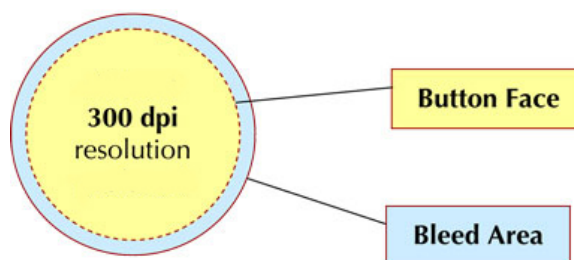
PME Council will accept one entry per Chapter. If your Chapter has several designs you may want to hold your own contest to select your Chapter's entry.

The PME Council will select several finalists whose designs will be unveiled at the PME student reception at MathFest in Pittsburgh. The PME Chapters that submit the top designs chosen by the Council will each receive \$50. The final design to be manufactured will be selected by a vote of the Chapters.

The Details:

1. Designs can be either round or square:

a. Round button designs should be for a 2.25 inch diameter button face with a total artwork diameter of 2.75 inches. This includes a .25 inch border or bleed area around the button face that will wrap around the edges of the button. The bleed area should be kept simple; for example simply extend the background color. (See the adjacent picture.)



b. Square designs should be for a 2 inch square with total artwork 2.5 by 2.5 inches thus allowing a .25 inch border for wrapping around the edges of the button. Again keep the border simple.

2. We recommend that you compose your design in a digital design program such as Photoshop or Illustrator. Use 300 dpi resolution.

3. Button designs must be submitted electronically. Any of the following formats are acceptable: .eps, .tif, .jpg, .ai, .psd, .pdf, .zip, .sit, .pub, .doc, and .ppt.

4. Submissions should be sent to Eve Torrence at etorrenc@rmc.edu by June 1, 2010. Include the name of your Chapter and Chapter advisor with your submission.

Report on Good Lectureships

AUGSBERG COLLEGE Minnesota Iota

In November, Councillor Kendra Killpatrick traveled to Minnesota to visit Augsburg College as part of our PME Lectureship program. Augsburg College is one of our newest chapters, having been installed during the 2008-2009 academic year. They have a wonderful faculty and an active student math club that does much throughout the year to promote enthusiasm for mathematics and mathematical events.

As part of her visit, Kendra enjoyed visiting professor Tracy Bibelneik's combinatorics class and hanging out with students in the math common area. She attended the campus chapel service and was given a wonderful campus tour by several of the math majors. In the afternoon, she enjoyed chatting with many of the math faculty members over freshly brewed cappuccinos. At 5:00, she gave a talk in the math seminar titled "Fun and Games with the Second Most Famous

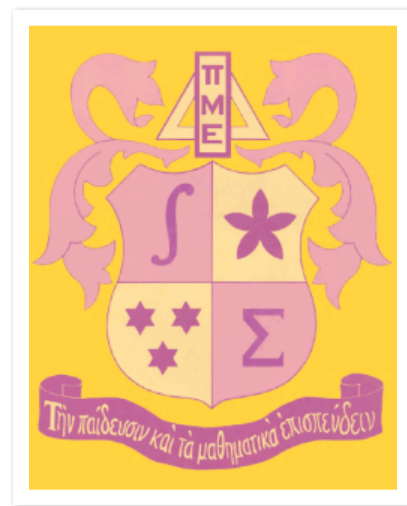
Mathematical Sequence." All students in attendance received free Pi Day tattoos. The talk was well attended by many math majors, despite the fact that it was a cold and rainy Friday afternoon. Following the talk, Kendra had a delicious dinner with professor Jody Sorenson and a number of the undergraduate math majors. All in all, it was a delightful Friday filled with many fun mathematical events and conversations!

LOYOLA UNIVERSITY Maryland Epsilon

Councillor Paul Fishback visited the Maryland Epsilon chapter at Loyola University on November 12-13, 2009 and gave a lecture entitled "The Lanczos Derivative Story."

He had the opportunity to become acquainted with students and faculty members during his stay. They spent considerable time discussing activities that help create active,

vibrant student chapters. Many examples are currently listed at the PME website (<http://www.pme-math.org>) under chapter reports. In addition, they talked about how PME provides opportunities that expose students to the broader mathematical community outside of their university. Loyola currently funds undergraduate research through its "Hauber Fellowship" program. Councillor Fishback stressed the fact that PME will help pay travel expenses for fellowship recipients who wish to travel to MathFest and give presentations.





Welcome New Chapters!

We wish to welcome the outstanding charter Vermont in Burlington, newest chapter - the Massachusetts Theta members, who show VT, installed 24 New York Alpha Xi Chapter at Simmons promise to maintain an September 2009, also chapter at the State College in Boston, MA, active mathematical by Past-President Joan University of New York installed 3 December community. We also Weiss. Vermont Beta - Plattsburgh, which was 2009 by Past-President wish to welcome the should prove to be a installed on 1 March, Joan Weiss. The MA Vermont Beta Chapter very active chapter. 2010. Theta Chapter inducted at the University of Welcome, also, to our

DEADLINES

MAY 7
Lectureship
Program
Applications

**OPENS
APRIL 1**
Summer
Meeting
Registration

JUNE 11
Abstracts due
for the
Summer
Meeting

AUG 5 - 7
Summer
Meeting



*To Promote
Scholarship
and
Mathematics*