Pi Mu Epsilon Officer Meeting  
October 9, 2008  
5:00 PM – Courtyard Cafe

Officers Present: Adam Hughes, Richard Moy, Jenny Santiago
Absent: Sophia Li, Asif Hazrat

Collaboration With Matrix
Ideas of what to do with Matrix Include: Dodgeball Tournament of teaching them something (I.e. teach them what groups are, lefschetz points, dualization of graphs)

Meeting – Thursday October 16, 2008 @ 6:30 PM – 245 Altgeld
officers will meet at 6:00 PM
Food will be served at the beginning
Agenda for the meeting:
− Open with the PME pledge
− Introductions
− Speaker
− problem of the session (Richard and Adam have thought of potential problems, Richard will come up with more)
− recent developments in our department (have Prof. Francis do this for us)
− developments from PME
− tutoring
− questions
− (ask for ideas for collaboration with Matrix?)
We were thinking of getting caution tape to force people to sit together
We’re going to tell Prof. Francis to show up at 6:00 CDT
We will need a projector for the meeting.
Introduction of Officers

Speaker: Noel
Noel is a grad student here and he went to undergrad here. He was the first president of PME. Noel gave a speech about getting involved on campus. He also encouraged us to think about what we want to do as PME members, and gave suggestions on how we can get programs started within PME.

Session Problem

Developments from PME
One of our members has proven a theorem. If any member has accomplished anything, please email us and let us know!

Tutoring
We discussed what are possible classes that we could tutor. We took count of how many people have taken those classes.

- Q. Analysis: 0
- Abstract Algebra: 5
- Linear Algebra: 11
- Math 347: 11
- Diff Eq: 3
- Number Theory: 6
- Real Analysis: 10
- Math 402/403 (Geometry): 5
- Statistics & Probability: 10
- Precalculus: 13

Collaboration with Matrix
The majority was in favor of collaborating with Matrix. We came up of the following ideas:

- Movie
- Write problems
- Frisbee (Ultimate)
- Game night
- Gambling
- Rubix-cube off
- Geo Jam
- Dance Off
- Karaoke
- bowling
Pi Mu Epsilon Officer Meeting  
November 12, 2008  
4:00 PM – Courtyard Cafe

Officers Present: Adam Hughes, Richard Moy, Jenny Santiago  
Absent: Sophia Li, Asif Hazrat

Induction
Current requirements for induction are 3.0 overall GPA and 3.0 math GPA. We are thinking about raising that requirement to 3.2 overall GPA. Also, we may require inductees to complete certain requirements to get inducted (i.e. attend an event). We need pizza for the induction and the amount of pizza we get depends on how many inductees there are. The ratio for pizza is as follows: cheese: pepperoni: sausage: veggie: breadsticks [10] = 4:3:2:1:2. All officers must be present at induction. (Induction is on 12/2/08, be here at 6:05 or earlier.) All officers will have something to talk about with the inductees or Adam states, “I will kill you.”

Next General Meeting
The next general meeting is tentatively scheduled for 1/29/09 in 245 Altgeld, time: TBA. Potential speaker is Matt Ando. We are considering having eligibility requirements for new members starting next semester. Requirements would include attending 1 general meeting per semester, and 2 events. We are planning to have a March general meeting as well. We need updates. We will request Jeff Mudrock to write a summary of his research, and we will request George Francis to email professors about departmental updates.

Tutoring
No one emailed Richard about tutoring. He did talk to the guy regarding tutoring at Engineering Hall. There is currently tutoring from 5-7 on Mondays and Wednesdays, and 6-8 on Tuesdays and Thursdays in Altgeld 123. PME and PES will be doing joint tutoring. Perhaps we will make tutoring a requirement. We are considering getting secondary education people involved in tutoring.

Matrix
We are considering having a game night with Matrix, which would involve lots of cards. Games include bridge, euchre, poker, black jack, and gin rummy. Also we could play Connect Four or do something with toothpicks. Also, we could have a dodge ball tournament with Matrix, and have it in the multipurpose room of CRCE. It will probably held next semester for 2 hours, and we could split the cost with Matrix.

SIUE – PME
Richard emailed the advisor of PME at SIUE and events they have are as follows:  
1) Held "Mathematical Tricks and Treats". (Students bring a mathematical "treat" to share --- we provide the candy. We have talked about such treats as Mobious strips, the "divisibility by 11 rule", "Vedic math", and other cool things.)

2) Made T-shirts.  
3) Hosted faculty talks. Most recently, a faculty member talked about "Math Through Origami".  
4) Bowling night. (No math content here, purely social. We got a large (about 30) group of students and faculty together and all went "cosmic bowling".)
5) Movie night. (We supplied popcorn and soda and watched the new animated adaptation of "Flatland - The Movie". This was a HUGE hit. We invited the local high school math club as well, and together had about 50 people attend.)
6) What can I do with a degree in... (Had some speakers give talks about what one can do with a mathematical sciences degree)
7) Problem contest (about once a month, students submit answers to 2 posted problems. The best two solutions get $10 each.)

In the future we are planning

1) Participation with other science clubs in some sport activities
2) Mathematical scavenger hunt
3) More faculty talks
4) Student-led "How to type in LaTeX" talk
5) Another movie night

From these ideas we considered maybe having an activity, which involve PME vs. physics people.

Responsibilities for each officer:
Richard:
- Get a copy of the seal and get a vectorized image by Monday
- Ask Jeff Mudrock to write a summary of his research
- Email George Francis to email professors about departmental updates
Sophia:
- Get image from Richard and go to Kinko’s to make banner sometime before Thanksgiving
Jenny:
- Email Phyllis about tutoring opportunities for secondary education by Monday
- Ask Asif for Membership, and make attendance sheet
- Talk to my friend Nick about doing something with Physics people
Asif:
- Send updates from email account
- Email Jenny list of membership
Adam:
- Email Tory Corckery (sp?) about making a poster

Adam’s random question (to get to know us better): How many people like jalapeño peppers? Please email Jenny your answer.