EPADEL

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Eastern Pennsylvania EPaDel Delaware

Student Chapter Newsletter

Exciting News To Share

Hello and welcome back to our third semiannual Student Chapter newsletter. Last month EPaDel was thrilled to learn that we were awarded funds from the MAA through their Regional Undergraduate Mathematics Conferences (RUMC) program. The MAA was awarded the RUMC grant through the Division of Mathematical Sciences at the National Science Foundation to help attract more undergraduate students to regional mathematics conferences. EPaDel is using these funds to pay for lunch (a $12 value) for each undergraduate student who attends our Spring meeting. Please see the next page for more information. In the rest of our newsletter, we have updates on our local chapters as well as exciting opportunities for all undergraduate students. As always, I welcome any and all submissions from either students or faculty for future newsletters. Please send any contributions to ellen.panofsky@temple.edu.

EPaDel Spring Meeting

EPaDel's Spring meeting will be held at Dickinson College on April 6, 2013.

Deadline for pre-registration is March 22, 2013.

Click here to register online

Click here to register by mail

Attention Undergraduates!!!!

We at EPaDel want to tell you that there **IS** such a thing as a free lunch. Please join us at our next meeting on April 6, 2013 at Dickinson College. Lunch is free for all undergraduates. Click here to register.

There are many activities of interest to undergraduates at EPaDel meetings.

1. Watch your peers give a presentation or give one yourself. For information on giving a student presentation click here. EPaDel waives registration fees for all students giving talks.

2. Participate in the student math competition. Randomly assigned teams of three to four students will work on a set of twelve competition-type problems for forty-five minutes. Most problems do not require knowledge beyond freshman-level coursework. Every time a team answers a problem correctly, each team member is given a raffle ticket, which they can either place in the prize bucket or the bonus-round bucket. At the end of the forty-five minutes, tickets will be drawn from the prize bucket to give away mathematically-themed prizes and eight names will be drawn from the bonus-round bucket to compete in the bonus-round tournament. Click here to read about last year's competition.

3. Attend an invited talk. EPaDel has invited Scott Chapman from Sam Houston State University. His talk will be aimed at an undergraduate audience.

Chapter Update
University of the Sciences

Here at the UScience's chapter, we've had a very fun semester with more fun planned. The first event we had was an ice cream social to welcome back our old members and gather some new members. Everyone had a good time getting to know each other and eating amazing ice cream cake. We continued to have fun through the fall semester with a game night and a chess tournament. In the spring semester we have already had an entertainment night filled with food and movies. We are having monthly logic puzzles and providing prizes for the winners who could figure out our riddles. We are also planning another fun filled night of logic games and our favorite ice cream.

Chapter Update
East Stroudsburg University

East Stroudsburg University's math club, Euclid's Elements, holds monthly meetings. Our club finds the *MAA's Math Horizons* magazine very useful for topics to discuss. Our club president, Carolyn Romano, presented her work investigating the mathematics behind drug metabolism at the Moravian College Student Math Conference in February.

Students in the UScience's chapter enjoy cake and ice cream at their first event of the year.

Opportunities For Students

Are you an undergraduate who has been working on a project? EPaDel has two great opportunities for you

1. Give a student talk at our Spring meeting. Talks should be approximately 10 minutes in length and can be expository or research oriented. Student speakers will receive free registration and a Certificate of Recognition from the MAA. Deadline for submission is March 22, 2013. Click here for more information.
2. Submit a paper for EPaDel Section's Student Mathematical Papers Prize Competition. Submissions are due by June 15, 2013. Click here for more information. The winner of our 2012 Student Paper Competition has been selected, and will be announced at our Fall meeting.

Chapter Update
Bryn Mawr College

The photo on the right is of Bryn Mawr's MAA student chapter making the five regular solids out of three loops of string. We are currently gearing up for math awareness month. We have a number of activities (academic and otherwise) planned.
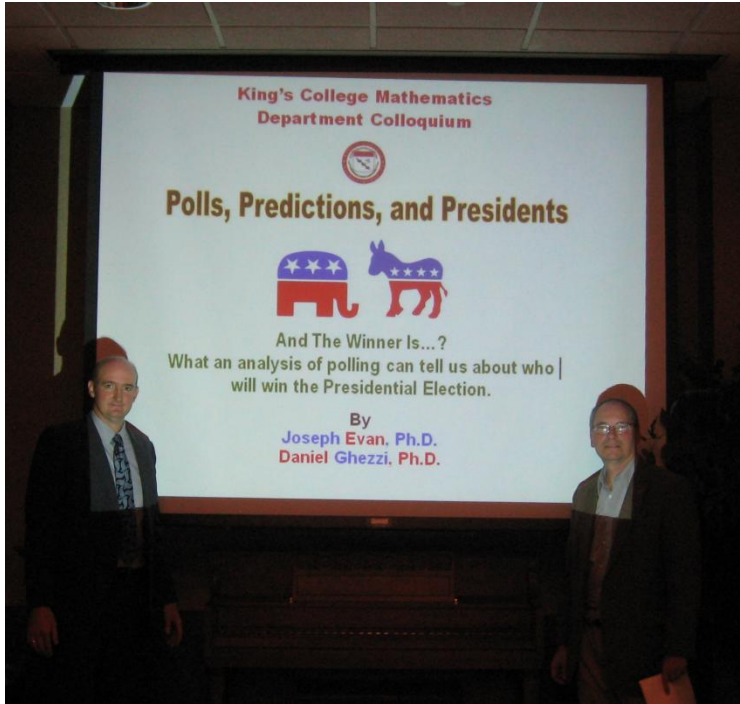

Chapter Update
La Salle University

La Salle University's MAA Student Chapter generally works in tandem with our Math Club (Janet Fierson, Faculty Moderator) in hosting events and activities. In Fall, 2012, our MAA Student Chapter/Math Club sponsored a Movie Night ("Good Will Hunting") on 9/19, participated in a Day of Service (helping to address issues in computer labs at St. Athanasius School in Philadelphia) on 9/29, hosted a guest lecture ("Back to the Future: The Exponential Function in Calculus") by Dr. Eric Key from the University of Wisconsin-Milwaukee on 10/2, and conducted a Holiday Fundraiser from 12/3 to 12/7. They also sent a delegation of 6 KME / Math Club students to the JMM (Joint Mathematics Meetings) in San Diego, CA from 1/8/13 to 1/12/13, and two of these students presented posters at the undergraduate poster session there.

King's College sponsored two mathematics colloquiums in fall 2012 semester.

The first talk was held on October 18th entitled "*The Classifications of Surfaces*" presented by Dr. John Kalliongis, a professor of mathematics at Saint Louis University in Missouri. Dr. Kalliongis discussed the classification of closed connected surfaces which gave rise to modern topology, and he concluded with the classification theorem of surfaces.

The second talk was held on November 1st entitled "*Polls, Predictions, and Presidents*" presented by Dr. Joseph Evan, a professor of mathematics and Dr. Daniel Ghezzi, an associate professor of mathematics at King's College. They discussed whether polling tells us which candidate will win a presidential election, and they actually gave a prediction of the outcome in the presidential race. This talk was also sponsored by the Public Policy Institute and the Political Science Department.

Top Left: Dr. Joseph Evan and Dr. Daniel Ghezzi give a talk at King College's Colloquium.

Above: Dr. John Kalliongis talks to students about classification of closed connected surfaces.

Chapter Update
Ursinus College

The student MAA chapter co-sponsors the monthly Mathematics seminar series "Mobius Talks." Speakers for spring 2013 include Dr. McGown form Ursinus, Annalisa Crannell form Franklin and Marshall, and Patricia Cahn from University of Pennsylvania. We are planning for a group of students to attend the spring 2013 EPADel conference and we are organizing a trip to the Mo Math Museum in New York City. We are also co-organizing an event on April 17 in Celebration Of Students Achievement and the graduating seniors in the mathematical sciences.

Chapter Update
University of Scranton

In the fall semester, we had 10 students participate in the 2012 Virginia Tech Regional Mathematics Contest where our top students ranked in the 87th percentile. In December, a dozen students took the 2012 Putnam exam. In the spring semester, we hosted the American Mathematics Contest in February and will host the American Invitational Mathematics Exam in March. In April we will be participating in the New Jersey Undergraduate Mathematics Competition and will hold our annual Pi Mu Epsilon induction ceremony.

Chapter Update
Bucknell University

The Bucknell chapter of the MAA has been busy this semester planning events to reach out to as many students in the math department as possible. We started off the semester with a movie night and are currently planning our Pi Day celebration. As part of the celebration, we plan to ask some professors a series of math-related questions, and the first professor to get answer wrong will be pied. Hopefully, there will be pictures of this for the next MAA update! In the future, we will also hold our annual Math Department picnic and will select new officers for the upcoming year. Plans to visit the Museum of Mathematics in New York are still in the works - the trip will hopefully be occurring this semester or in the fall.

Chapter Update
St Joseph's University

Our students presented at the 2013 Joint Math Meetings in San Diego. Moira Devlin, Sarah Bell, Elisa Miller and Lisa Chen gave talks and presented posters on math education at the meetings. We also had a Summer Research Gala where students presented their 2012 summer research. Our math club celebrated Pi Day by having a "pie in the face" contest where students donated money and selected the professor who got the pie. The proceeds went to our Math Club Relay for Life team to help fight cancer.