



# EPADEL

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# Student Chapter Newsletter

## *So Much To Share*

It is that time of the semester again! We have two fantastic conferences coming up in the month of November, our regular fall meeting and our careers conference which only happens once every two years. Read on for more information on these meetings and for chapter updates. 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](mailto:ellen.panofsky@temple.edu).

## *Fall 2013 Meeting*

EPaDel's Fall meeting will be held at St. Joseph's University on November 9, 2013.

Deadline for pre-registration is October 25, 2013.

[Click here](#) to register online

[Click here](#) to register by mail



## *Fall 2013 Careers Conference*

EPaDel's Careers Conference for undergraduates will be held at Drexel University on November 23, 2013.

Deadline for pre-registration is November 8, 2013.

[Click here](#) to register online

[Click here](#) to register by mail



Chapter Update  
Shippensburg University

As a new activity, the SU Math Club hosted a social hour immediately following the department's "New Math Major's Meeting" during the second week of classes. This was a great way for the active club members to meet our new freshman and transfer students. We have also organized our annual fall picnic for majors, and the SU SIAM Student Chapter welcomed almost a dozen teams from the region to participate in the 24-hour Fifth Annual Cumberland Valley Mathematical Modeling Challenge. As with many of our department events, student volunteers from the Math Club were essential to the success of these event. Later in the fall we will provide math activities for K-5 children of migrant workers as part of a university-side STEM outreach program.

Chapter Update  
Ursinus College

Our chapter hosted several events open to the whole campus, including Sudoku Tournaments, Street Gambling like the 1600s, and Math Jeopardy, as well as social activities to welcome our majors and celebrate their achievements. For Halloween, the chapter is organizing "Trig and Treat" and is hosting a talk on "The Math of Zombies." We invited guest speakers to our Mobius-talks series, and we sponsored a trip to the National Museum of Mathematics MOMATH in



New York city (see photo) and we plan to organize another visit this spring 2014. Our students attended and participated at the JMM and the MAA-EPADEL meetings. We plan to host the 2014 American Mathematics Competitions ACM and sessions to help high school students prepare for SAT. In spring 2014, our chapter will help bringing to campus the show "Calculus: the Musical!"

Chapter Update  
Bryn Mawr College

This year we have two panel discussions planned: one about REU and other summer math experiences, and the other about career options for math majors. We will have several off-campus excursions to sectional meetings and to Gioia di Cari's production of "Truth Values: One Girl's Romp through MIT's Male Math Maze". In the spring we will organize a number of Math Awareness Week activities.

# 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 Fall 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 October 25, 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, 2014. [Click here](#) for more information. The winner of our 2013 Student Paper Competition has been selected, and will be announced at our Fall meeting.

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## Chapter Update University of Scranton

In December, twelve students participated in the 2012 Putnam mathematics competition. Math major Joshua Bayzick scored ten points, placing him in the top quartile of the 4277 national participants. In April 2013, the department held our annual Pi Mu Epsilon Induction Dinner for our five new inductees. Seven students participated in the tenth annual New Jersey Undergraduate Mathematics Contest at Felician College held in Spring 2013.

## Chapter Update La Salle University

La Salle's MAA Student Chapter conducted a successful fundraiser and established a partnership with a local elementary school (St. Athanasius School in Philadelphia). Members of the chapter are looking forward to developing and conducting enrichment activities to share some exciting and challenging applications of mathematics with younger mathematicians. A "Bowling for Primes" event, with special mathematical scoring rules, is also planned.

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## Chapter Update East Stroudsburg

East Stroudsburg University's math club is Euclid's Elements. The club meets monthly to discuss topics in mathematics. One of our members, Danielle Williams, went to North Carolina State University for an REU summer program, studying Modeling and Industrial Applied Mathematics.

# *What can I do with my degree??*

Are you wondering what you can do with an undergraduate degree in mathematics? Attend EPaDel's Fall 2013 Careers in Mathematics Conference at Drexel University on November 23, 2013. There will be a panel discussion where students can ask questions to any of the presenters. This will be followed by three breakout sessions where students can attend a longer presentation on careers that they are interested in. Some careers featured are: Actuarial Science, Education, Finance, Government, Graduate School, Statistics and Mathematical Biology.

Click [here](#) for more information

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## Chapter Update Wilkes University

The President of our Student Chapter for the current academic year is Tracy Oellerich, a sophomore with a double major in mathematics and physics. Tracy recruited new members at the University's annual "Club Day", which took place on September 10. At an upcoming "Majors/Minors Fair", club members will discuss our academic programs in math and computer science with students who have not yet declared a major. Our Chapter is also helping with preparations for the 2013 ACM International Collegiate Programming Contest (Mid-Atlantic Region), to be held at Wilkes on November 2. Maybe we'll see some of you from other schools that day, participating in the ACM Contest!





## Chapter Update Kings College



King's junior math major students presented their "Axiom Systems" in the 2013 Spring EPADEL meeting held at Dickinson College on April 6<sup>th</sup>. All math majors must take a proof writing course in their freshman year at King's, and each student is assigned to create an axiom system as their final project in the course. They design their own axioms, and examine their consistency and independency of the models. Further, they make several theorems based on their axiom systems. As juniors, the students rework their axiom systems they made three years ago in order to give a public presentation such as at mathematics department colloquium or at an EPADEL meeting.

On April 20<sup>th</sup>, Math/CS club members participated as a volunteer in CEO (Commission on Economic Opportunity) in Wilkes-Barre. This multi-service nonprofit organization is governed by a Board of Directors comprised of three constituencies with equal representation: consumers, public sector, and private sector. Our task was to pack food in boxes to be distributed to senior citizens or people who struggle for economically.

Top Left: Kings College students who participated at EPaDel's Spring 2013 meeting.



The above picture shows Kings College students participating in CEO Day.