



EPADEL

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Student Chapter Newsletter

Hello and Welcome

Hello and welcome to our first semiannual Student Chapter newsletter. The goal of our newsletter is to share ideas, events, and news from EPaDel and our student MAA chapters. In this first newsletter, we have updates on our local chapters as well as information on the upcoming EPaDel meeting and student paper competition. Are you interested in contributing to the Fall 2012 newsletter? See the “Calling All Students” section at the end of the newsletter.

Chapter Update Shippensburg University

Our MAA Student Chapter and SIAM Student Chapter constitute what we refer to as the SU Math Club. This year we had a September picnic to welcome back old students and reach out to new students. Several times this year we have had a “game night” that is enjoyed by 10-20 students and faculty, and in December we had a holiday party at which we also ended up playing board games. Math Club volunteers will be running our annual Math Contest for high school students on March 20, helping with the SIAM Regional Applied Mathematics Student Conference on April 7, and, of course, the Math Club will play a big part in hosting the April 21, 2012 meeting of EPADEL on Ship’s campus.

EPaDel Spring Meeting

EPaDel’s Spring meeting will be held at Shippensburg University on April 21, 2012.

Deadline for pre-registration is April 2, 2012.

[Click here](#) to register online

[Click here](#) to register by mail



Chapter Update
Wilkes University

Our Student Chapter officers for the current academic year are Julie O'Leary, Mary Olson, Abigail Kaster, and Jason Benjamin. In October and November, we helped with preparations for the 2011 ACM International Collegiate Programming Contest (Mid-Atlantic Region), which was held at Wilkes on November 5. This April we'll assist with the administration of the Mathematics Contest for area high school students, which is sponsored annually by the Luzerne County Council of Teachers of Mathematics. Additional activities include participation in Relay for Life and a campus-wide community service event scheduled for April 1.

Chapter Update
Bryn Mawr College

In the fall our chapter organized and helped with a number of events including our department's Welcome Back Toast, the Math Majors Tea, our department's Holiday Party, and the MAA Sectional (EPaDel) Meeting. This spring we are working on the Math Alumnae newsletter and Math Awareness Month.

Chapter Update
Millersville University

The newly re-energized Millersville Math Club is off and running with a bang. This club, made up of math enthusiasts at Millersville University, meets twice a month. During the meetings, math club members discuss upcoming math events, play math games, and solve in-depth mathematical problems. This time is spent challenging their thought process and mathematical knowledge, as well as hanging out and relaxing with fellow math majors.

The Millersville Math Club members also engage in volunteer math activities around campus, as well as in the local community. In the past year the members have assisted at Math Counts and the Women in Math and Science Conference on campus. Additionally, club members volunteer to tutor the math club at Linden Hall girls' school and elsewhere in the community. One of the visions of Millersville math club is to interact with younger students and encourage them to continue pursuing math.

Recently the Millersville Math Club has organized many friendship building activities after meetings and on the weekends. The big activities of the semester included a trip to the Country Barn Corn Maze and a day at the Millersville Ropes Course. Both outings challenged the students to use their problem solving skills, as well as teamwork to succeed and get the most from the experience.



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 April 2, 2012. [Click here](#) for more information.
2. Submit a paper for EPaDel Section's Student Mathematical Papers Prize Competition. Submissions are due by June 15, 2012. [Click here](#) for more information.

Chapter Update East Stroudsburg University

ESU's Math Club is called Euclid's Elements. We have meetings every month to discuss different topics in mathematics: linear programming, M.C. Escher's work with patterns, the story of 1, and math word problems in verse. Club members attended the PCTM meeting last November and the Moravian Student Mathematics Conference in February.

Chapter Update St Joseph's University

We had two students attend the JMM and give presentations. We have one student attending an REU. We have a program at SJU called "Summer Scholars" in which students do funded summer research with faculty. This summer the math department will have nine students participating in this program working on projects from coding theory to environmental statistics.

Chapter Update Bucknell University

Actually we have been active. We have plans in late March for our annual Pi day. Besides professors bringing pies for the students, there is a "Recite the Digits" competition. Earlier, we had a dinner and attended a performance of the play *Proof* by a Philadelphia theater group on campus. Later this Spring, we will sponsor a Tangram competition on campus.

Chapter Update Immaculata University

In September we had a welcome back night with games and pizza. In October we had a modular origami event. In November we had a party to celebrate the birthdays of Mandelbrot and Mobius. In February we had a non-origami paper geometric structures event. And in a couple of days we will celebrate Pi Day!



Chapter Update Kings College

King's junior math major students presented their "Axiom Systems" at the 2011 Spring EPaDel meeting. "Designing a small Axiom System" is the final individual class project assigned in MATH 127, the Logic and Axioms course at King's College. MATH 127 is a proof writing bridge course developed by Dr. Anthony Berard. The students in MATH 127 design their own axioms, and examine their consistency and independency models. In addition, the students must prove several theorems based on their axioms.

In MATH 490, the Junior Seminar, students re-visit and re-work the axiom systems they designed in MATH 127. As a key assessment of MATH 490, each student gives a public Power Point presentation of his/her axiom systems. This may be at an EPADEL, a Mathematics or Computer Science Club colloquium in King's College, or at some other public meeting.



The group photo was taken at 2011 Spring EPaDel meeting. 2nd Row from Left to Right: Dr. Joseph Evan, Mr. Michael Glenn, Dr. Daniel Ghezzi, 1st Row from Left to Right: Dr. Anthony Berard, Dr. Wei Wei Zhang, Ms. Dana Abend, Dr. Ryo Ohashi

Chapter Update
La Salle University

Our Student Chapter (a.k.a. Math Club) had a Problem-Solving Competition in the Fall as well as a Poker Night and a showing of the classic Disney video "Donald in Mathmagic Land". This Spring semester the students are planning another Poker Night and perhaps a showing of the humorous MAA Video: "The United States of Mathematics Presidential Debate" with Colin Adams and Thomas Garrity. On March 22, we are hosting Dr. Robert Styer of Villanova University who will give a presentation "Bouncing balls, Jenga blocks, and infinity" in conjunction with our bi-annual KME (Kappa Mu Epsilon) initiation of new members.

Chapter Update
University of Scranton

Students in our chapter participated in two mathematics competitions in the Fall: the Virginia Tech Regional Mathematics Contest in October and the Putnam competition in December. The chapter also sponsored movie showings of *A Beautiful Mind* and *Moneyball* (with an introduction to sabermetrics).

Our planned activities for the Spring include participation in the New Jersey Undergraduate Mathematics Competition in March 2012, the Northeastern Pennsylvania Mathematics Consortium dinner and lecture (Bill Dunham) in April 2012, and our PiMuEpsilon induction dinner in May 2012.

Chapter Update
Ursinus College

The Ursinus Student MAA Chapter keeps a website: <http://www.uc-maa.org/> that provides information about math major requirements, math help room hours, and links mathematical websites. This year our chapter hosted several campus Sudoku Tournaments and participated in Sophomore Celebration Month.

We were able to sponsor student travel to EPaDel's Careers in Mathematics conference at West Chester University on Saturday, October 15, 2011, partially sponsored students to participate at the JMM in Boston in January 2012, partially sponsored Mobius-talks, the monthly seminar series in the department of mathematics and computer science with invited guest speakers. In April, we will participate and sponsor students at our "Celebration of Student Achievement" activities.

Chapter Update
University of the Sciences

This year our chapter had a chess tournament night and a puzzle night.

Calling All Students

Would you like to contribute to our next newsletter? Here are some items we are looking to feature in our next issue

1. Found Math

Is there something on your campus that just screams “math?” In 2007, the MAA began featuring new math related photographs each week on their website. We would like to see what we can find in the EPaDel region. [Click here](#) for examples.

2. Math Riddles/Puzzles

Do you have a favorite math riddle or puzzle? Share it in one of our newsletters and we will publish some of the responses in the following edition.

Send your submissions to Dr. Ellen Panofsky, Student Chapters Coordinator, erp39@cabrini.edu.