



## Student Chapter Annual Report 2011

### Officers

President	Jeffrey Kraczek	03314008	kraczejr@udayton.edu
Vice-President	Gui Min Wu	03427758	wug002@udayton.edu
Treasurer	Ryan Feavers	03372796	feaverrk@udayton.edu
Secretary	Yu Wang	03422333	wangy13@udayton.edu
Webmaster	Jian Gao	03181147	gaojianz@gmail.com
Ministers of Recruitment	Benjamin Dapore	03445182	ben.dapore@gmail.com
Ministers of Activity	David Bricker	03445183	brickerd1@udayton.edu
Ministers of Outreach	Erica Whitfield	03438651	whitfelde1@udayton.edu
Advisor	Qiwen Zhan		

### Membership

David Bricker	11 December 2012
Wen Cheng	30 June 2012
Dallis Conrad	5 May 2012
Maureen Crotty	30 September 2012
Benjamin Dapore	11 December 2012
Ryan Feaver	29 August 2012
Jian Gao	15 July 2012
Wei Han	3 April 2012
Nkorni Katte	6 February 2012
Jeffrey Kraczek	10 December 2012
Han Li	4 February 2012
Li Li	27 June 2012
Nickolas Miller	30 March 2012
Joseph Reierson	6 January 2015
Aaron Seidel	4 March 2012
Shiyi Wang	10 February 2012
Yu Wang	18 July 2012
Erica Whitfield	20 October 2012
Logan Williams	20 October 2012
Gui Min Wu	20 August 2012

## **Activities**

### *Pie Day*

To celebrate Pi, on March 14<sup>th</sup> we had a luncheon for all members, potential members, and faculty. We served pie and pizza for all the attendees. 20 people attended. Additional ideas for activities were discussed, nothing new was decided on.

### *Annual Spring Picnic*

The UD SPIE Chapter sponsored a spring picnic May 14<sup>th</sup> for all Electro-optics faculty, students, staff, and family at Indian Riffle Park. The event allowed the attendees to get to know one another, and have some much needed fun. The picnic started at noon and continued through the afternoon. We played corn hole and card games due to rain.

### *Annual Fall Picnic*

We also sponsored a fall picnic September 24<sup>th</sup> again for all Electro-optics faculty, students, staff and family. This event allowed the incoming students to associate with the professors and other students. 53 people attended. All had a great day and we played Frisbee for fun. It started at noon and continued through the afternoon.

### *Elections & Planning*

We had a meeting to inform students about the benefits of joining SPIE. To encourage attendances we provided drinks and pizza. Over 30 people attended. During the meeting we also elected new officers. Three new appointed officer positions were decided. During this meeting we also decided to schedule monthly meeting on first Friday of every month.

### *Laser Light Show*

At School of Engineering's request we designed a laser light show for the celebrations of 100 years of engineering at University of Dayton. Five students worked on the project throughout the year. The laser light show was presented at Family Weekend on October 29<sup>th</sup>. The laser light show consists of a presentation overlaid with laser outline of figures on the slides.

### *Game Night*

To provide some fun and relaxation time we organized a Game Night on November 15<sup>th</sup> for all faculties and students. Over 25 people attended the Game Night throughout the evening. We played Wii games, Apple to Apple, Disney trivia, and other board games.

### *Holiday Social*

To celebrate Christmas on Campus on December 8<sup>th</sup>, we had a potluck party. All students, faculty and staff were invited and they also brought their favorite dish to the

party. The Student Chapter provided light entrée and drinks. We played Christmas Bingo and Ping Pong for fun.

## **Outreach**

### *Tech fest*

On February 19<sup>th</sup> and 20<sup>th</sup> Sinclair Community College sponsored a weekend where other schools and companies were able to come and demonstrate there are of science. Allowing members of the community to learn and see the different things that those in the area are doing. We displayed a laser communications using fiber optics, holograms, spectrometer, polarizers and store bought laser show device.

### *LOCI Tour*

On October 28<sup>th</sup>, two groups of high school students from DECA and the surrounding high school visited our department. Our laser light show was presented to the public for the first time. Along with the laser light show we also show them polarizers and other cool optical gadgets.

### *HSMD Seminars*

On December 6<sup>th</sup>, we were invited to a seminar presented by the Honor Seminars of Metropolitan Dayton program by our professor. Five of our student members joined the participated. We talked about why we are studying optics and how awesome it is. During the event we presented our laser light show and explained how it was putted together.

## **General Meetings**

January 17 - We discussed what would be shown at Tech Fest and who are interested to work on the laser light show project.

February 15 - We discussed who would help out at Tech Fest and the logistics.

March 14 - We encourage students to join SPIE at our Pi Day party.

September 24 - We invited all new students to join SPIE and get involved.

October 21 - We elected officers.

November 4 – We discussed ideas for activities. A student member of ASME at University of Dayton joined our meeting to talk and ask for aide on their Robotic contest.

December 2 – We discussed ideas for Holiday party and future activities.

**Finance**

## Funding

Date	Amount	Source
12/17/2010	500.00	SPIE Student Chapter Funding

## Expenses

Date	Amount	Activity
3/14/2011	76.91	Pi Day
5/14/2011	124.94	Spring Picnic
9/24/2011	110.54	Fall Picnic
10/21/2011	65.24	Elections & Planning
11/5/2011	16.04	Ping Pong Set
12/8/2011	79.15	Holiday Social

Beginning Balance: 918.19

Total Expenses: 472.82

Interest: 1.34

**Ending Balance: 446.71**