

# Student Chapter Report

**Person Completing Form/Contact:**

Yana Williams

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**Name of Chapter:**

Penn State University SPIE Student Chapter

**Number of members in Chapter:**

27

**Names and E-mail addresses of Chapter Officers:**

President:	Yana Williams	<a href="mailto:yzz101@psu.edu">yzz101@psu.edu</a>
Vice President:	Michael Stinger	<a href="mailto:mvs115@psu.edu">mvs115@psu.edu</a>
Treasurer:	Shaoying Kang	<a href="mailto:skang@psu.edu">skang@psu.edu</a>
Secretary:	Eftihia Vlahos	<a href="mailto:euv104@psu.edu">euv104@psu.edu</a>
Other:		

**Chapter activities since last report:** (meetings held, invited lectures, tutoring, etc.)

*Chapter group travel:*

In August, SPIE-PSU Student Chapter was able to secure \$1600 from the Electrical Engineering Department and \$1600 from the College of Engineering that, in addition to \$1000 from SPIE, allowed us to support 11 Student members and 1 Visiting Scholar to attend the 50th Annual Meeting in San Diego.

*SPIE-PSU Student Chapter monthly invited Lectures:*

\*09/30/2005: Dr. Venkatraman Gopalan (Materials Science and Engineering, Pennsylvania State University) gave an invited lecture on "Tunable photonic crystal structures". (This lecture is integrated as EE department colloquium.)

\*10/31/2005: Dr. Tom Jackson (Electrical Engineering Department, Pennsylvania State University) gave an invited lecture on "Organic Thin Film Electronics".

\*11/10/2005: Dr. Min-Yi Shih (General Electric Global Research Center) "Developments and Applications of Integrated Photonics" (This talk is sponsored by an SPIE speaker grant, and was integrated with the Electrical Engineering Department Colloquium.)

\*12/13/2005: Sponsor the Final Project Presentations of the Graduate Course EE524 - Laser and Electro-optics, covering different electro-optic devices and its applications.

*Outreach Activities:*

We received the Optical Kits from Great Lake Region SPIE. During the fall semester of 2005, our chapter has been working on developing 5 optics demos for high school students. Our target audiences are High School students in local State College and surrounding areas. Our goal is to inspire their interest in Optics and create awareness of the interesting possibilities and the technology behind everyday applications.

**Future Chapter activities:**

In the Spring semester of 2006, we are planning to have one invited talks every two months. We are also going to work with OSA student Chapter at Penn State University and local high schools to complete our Optics and Photonics outreach program. We are also organizing a chapter field trip.

**Did you use any of your chapter funds?**

<b>Project/Activity Description:</b>	<b>Amount:</b>
	~\$800.00

**If not, why?**

If possible please attach a current member list

E-mail or fax to:

Dirk Fabian

Student Services Coordinator

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dirkf@spie.org Snack food for meetings, van rentals, travel expenditures for speakers