

Society of Physics Students  
Penn State Chapter

January 14, 2009

Commence

First meeting of the semester

Introduction of Officers

Announcements

The door is being reset. Be sure to pay dues to Lee for this semester or you won't have card access

Eberly College of Science Student Council (ECOSSC)

Michael Austin and Therese visited them at their last meeting

Next meeting on February 5<sup>th</sup> in 102 Thomas.

ECOS social.

Alpha Ki Epsilon fraternity. (406 S Pugh St.)

Saturday, January 17<sup>th</sup> at 9:00PM. Milk and cookies and food and dancing.

Music, dancing, and "milk and cookies."

Outreach

We received our Soc kit. (Science Outreach Catalyst Kit)

This years theme is waves. It will be in the cabinet if you want to check it out.

American Physical Society, (APS), are also distributing Tesla mystery box.

Super Science Saturday

Juniata Gap elementary school.

Grades 1-6. (Three groups, 1&2, 3&4, 5&6)

Need two topics.

Ideas:

Gravity: rubber sheet demo.

Scale of Universe.

M&M atomic structure and Spectroscopy. Whether we do the glasses, pizza boxes, or tubes. Use the planetary model of an atom with M&M's and mini M&M's. Talk about neutrinos and extra energy becoming photons. For spectroscopy, can talk about electron orbitals and photon absorption.

Science and Society Panel

February 5<sup>th</sup>.

Topics include:

Ethics in research

Government control of research/funding

Obama's energy plan

To sign up, contact Michael Austin or sign the sign up sheet.

Announcements

Matt and Therese applied for the SPS outreach award. \$500 possibility.

Our proposal involves astronomy in art. The pieces will be placed in the residence halls and be

displayed during astro/arts fest. SOMA may also get involved.

Jessica is an associate zone leader and a Bachelor of math and physics, and will be involved with our chapter this semester.

Lehigh is advertising REU programs. It looks pretty sweet. If you need help, contact Therese.

The APS meeting is march 10<sup>th</sup>-16<sup>th</sup> in Pittsburgh.

We will be rock climbing on Tuesday, January 26<sup>th</sup>.

Fifer wants to have a chess tournament. Since we're doing that, we'll also have a Pente tournament. Brackets are on the board, have fun!

Finally, underclassmen be sure to ask upperclassmen about classes. We've been there and can offer some good advice/ tips.

Adjourn