

SOUTHEASTERN PA. SECTION OF AMERICAN ASSOCIATION OF PHYSICS TEACHERS

As usual there are several opportunities for you to learn new things and get together with your colleagues. Of course the BIG event every the fall is the **DEMO NIGHT**. This year it will be at Westtown School on **Nov 9th**. See details below.

I have received most of the info by Email, I will quote it often.

ONE PTRA workshop I took this summer seemed very helpful for new teachers. C3P is a national foundation project that lasted several years. Physics teachers from around the country evaluated and took the best from several projects like Mechanical Universal, Interactive Physics, Castle, etc. and then tied them into the *national standards*.

I am willing to run workshops to show you C3P and how very useful it can be for the new physics and new physical science teachers.

The C3P project wants everyone to get a 6-hour introduction and see his or her materials (an easy-to-use CDROM is the major resource)

I can setup a Saturday workshop for 6 hours or three 2 hours sessions.

If interested Email me, Don Scholl- dscholl2@hotmail.com

>>Hi Everyone, (Bill Berner)

>>I hope the year has started well for you. The fall seemed so empty
>>without a teachers' meeting to worry about that we decided to do a small version.

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>>On **September 20 at 4 pm Pricilla Laws** will deliver a colloquium at
>>Penn. We have decided to invite any interested physics teachers to take of her hard won wisdom.

Her abstract is as follows :

Incorporating the Results of Physics Education Research in Curriculum Development*

PRISCILLA W. LAWS, Department of Physics and Astronomy, Dickinson College, Carlisle, PA 17013

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Curricular materials are being developed to give introductory physics students more opportunities for active learning. The creation of these materials has been informed by the outcomes of basic research conducted by the Physics Education Group at the University of Washington and others.

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In this talk I will describe the impact of educational research on an emerging suite of activity-based curricular materials designed for use in both traditional settings (with lectures, laboratories, recitations) and workshop/studio courses in which lectures are replaced by observations, mathematical modeling and experiments.

***** **Bill's Email is.....Continued on next page**

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We had the opportunity to (visit PRISCILLA) and tour Dickinson's new physics teaching labs, and it is hard to believe how many good ideas one place can come up with. I can't imagine that a physics teacher could spend an afternoon any more effectively than listening to Pricilla Laws. I hope you all can take advantage of her visit.

Some specifics: Wednesday Sept. 20 at 4 pm in David Rittenhouse Laboratory at 33rd and Walnut Sts. It will be in either lecture hall A2 or A1, both of which are right off the main lobby.

Thanks, Bill Berner: berner@dept.physics.upenn.edu or call at: 215-898-8192 to get on his mailing list

I just learned from Jessie Blair that the NE Regional will be at Princeton, Fri, **Oct 27**, and **Sat, the 28th**. Two days only because the NJ section feels that more people will come who otherwise wouldn't because they would not commit to three days with their busy schedules.
. . . . Chet Z. (LOOK for a notice coming soon in the mail –Don)

The Central PA Sec. is having the PTRA workshop on RIPPLE TANKS at Juniata College in Huntington, Pa. on Fri., **Nov. 3**. Check with Pat Callahan if interested

. Email - ptcallahan@aol.com

The Fall Demo night is Nov 9 at Westtown School.

Patti Spackman and Barry Feerman are our hosts.

Dinner at 6:00 and meeting at 7:00 –9:30.

Menu? Don't know but it is boarding school food.

Cost... probably \$5 or so. **(Their food service later said only \$3.00)**

There is a salad bar, and one main meal item with vegetables.

. . . I'll arrange for coffee/tea after dinner in the science lab.

Directions... We are only a mile off of Rt.3 West Chester Pike.

See detailed directions later in the newsletter.

. Barry Feerman H - 610 -399-1075 S - 610 -399-0123 Email - bhfeier@aol.com

On April 20 the Central Section will have a Friday Workshop. . Check with Pat Callahan if interested

. Email - ptcallahan@aol.com

On March 24 our SPRING meeting will be hosted by Liz Chesick at Baldwin School.

Bill Berner called me yesterday to give me the details on his annual physics demo show before Christmas, which I am passing on to you for inclusion in the mailing. He wants and deserves the publicity.

He is 90% certain that it will be **Thurs., Dec. 14, 2000**. The theme will be "Light-Ray and Wave Optics-the Best of Univ. of Penn's

Demonstrations". There will be two identical sessions: 9:30 to 11:30am and 12 to 2pm. It is open to all students and teachers on a first-come,

first-serve basis. Bill would like interested persons to contact him at either his email address:

berner@dept.physics.upenn.edu or call him at: 215-898-8192 to get onto his mailing list.

