

Executive Committee Meeting Minutes - DRAFT
94th Semi-annual Symposium
135th Meeting of NYSS/APS
April 7, 2006
Finger Lakes Community College Teaching Center,

Time: 9:00 AM

Members present: Chair, James Owens (07); Vice Chair, Bob Pompei (07); Secretary-Treasurer, Larry Josbeno (09); Enrique Galvez (Colgate University), Section Council Observer (07); Gianfranco Vidali, Section Councillor (07); Executive Committee: Lawrence Brehm (07); Scott Heinekamp (09); Roman Kezerashvili (07); Michael Kotlarchyk (09); Michael Rogers (09); Sam Samanta (Local Committee); and David Trauernicht (07)

Members absent: Azar Alizadeh (07); Mike DeMarco (09), Jill Linz (07); Jay Newman (07); Stacie Nunes (09) and Cindy Schwarz (09) .

1. Approval of minutes from the 2005 fall Symposium at Colgate

Motion to approve: Bob Pompei, seconded by Michael Kotlarchyk, Unanimous

2. Report of the Local Committee

- a) Report of local organizers – David Trauernicht
There are 91 people registered, 35 students.
- b) Student support – The following policy, that was approved Spring 2003 will be followed;
 - i) Student support will be a maximum \$150 per student, with discretion on the part of the student support coordinator on the amount. Banquet will be \$6 for pre-registered students (with certification by a faculty member at the institution).
 - ii) Bob Pompei reported that 7 students have request support.
- c) Posters – nine posters entered at this point; the judging committee: Larry Brehm, Shu Chang and Scott Heinekamp.

POLICY: (PASSED October 15, 2004) the judging committee may award prizes (up to \$600) FOR POSTERS (no more than \$100 per poster), categories at the discretion of the judges.

Motion to approve: Larry Josbeno, seconded by Stacie Nunes. Unanimous

THE FOLLOWING AWARDS WERE ANNOUNCED AT THE BANQUET:

Poster Awards, NYSS APS mtg, April 2006, *Canandaigua, NY*

Undergraduate category

1st, \$100, *Video-based Motion Analysis*,
by Robert Barton, Joel Peterson & Paul French, SUNY Oneonta

2nd, \$50, *Coherent Ionospheric Doppler Receiver (CIDR) Observations of Ionospheric Irregularities and Total Electron Content from SYNY Oneonta*,
by Michael Bartels, Andrew Greene, Graham Ostrander & Hugh Gallagher

2nd, \$50, *Monitoring Coronal Mass Ejections Using Images from SOHO*,
by Thomas Kelly & Hugh Gallagher, SUNY Oneonta

Graduate student category

Special Recognition, \$50, *Alphavoltaic Micropower Power*
by Cory Cress, RIT

3. Report from Fall Symposium 2005 - (Colgate) – Kiko

Fall 2005 NYSS meeting Budget Summary

The Fall Meeting of NYSS was held at Colgate University on October 14-15, 2005. The theme of the meeting was “Albert Einstein and his Legacy.”

THE REPORT

The Symposium featured ten session-speakers and one after-dinner speaker. There were three sessions: Photons and Quantum Mechanics, Relativity, and Statistics. We deliberately scheduled only two talks in the Saturday afternoon session so that attendees have time to drive back home. The speakers were selected using two criteria: their expertise in an interesting field connected to the theme of the symposium, and their reputation for being good speakers. Indeed they all gave excellent talks. Six speakers were “local” (i.e., at driving distance: R. Boyd-Rochester, W. Wooters-Williams College, R. Bean-Cornell, P. Saulson-Syracuse, S. Larson-Penn State, N. Bigelow-Rochester). The remaining five speakers had to travel long distances (A. Zajonc-U. Massachusetts, S. Friedrich-LLNL/California, N. Ashby-Colorado, J. Stachel-Boston, D. Astumian-Maine). Thus, the high-quality of the talks came at a price, as we subsidized the travel for those who came from afar.

The symposium was well attended. There were 155 total attendees, of which 80 were students. The banquet was attended by 109 people. There were also a fair number of posters. We do not have the exact number—it was around ten.

Expense summary:

Income:

Registration fees:	\$1056.00
--------------------	-----------

It included 44 members and 9 non-members. Not paying registration fee: 11 retirees, 80 students and 11 speakers.

Banquet Fees:

	\$2004.00
--	-----------

It included 34 members, 8 non-members, 8 retirees, and 47 students at subsidized rate. Not paying: 8 speakers and 4 Colgate students.

Donation:	\$ 50.00
-----------	----------

Total income

	\$3110.00

Not included in the income was Colgate's subsidy: transport for three long-distance speakers (S. Friedrich-California, D. Astumian-Maine, and A. Zajonc-Massachusetts). Because of some unfortunate mishap with one of the air reservations one of the air fares was very high.

Colgate University contributed with a total of \$1910.80.

This included funds from the Department of Physics and Astronomy, the Division of Natural Sciences and Mathematics, and the Dean of the Faculty. Colgate contributed with other expenses of supplies (paper, posterboards) and photocopies.

APS History Forum subsidy for Banquet speaker J. Stachel:	\$500
---	-------

Expenses:

Supplies:	\$ 696.00
-----------	-----------

These included folders, pens lanyards, name tags and printing charges

Executive Committee Meeting	\$ 140.00
-----------------------------	-----------

Breakfast and lunch charges.

Banquet (109 x \$30)	\$3270.00
----------------------	-----------

This is the price for 109 meals at \$30 per meal.

Refreshments (3 Coffee breaks + Poster session)	\$ 832.37
---	-----------

This charge includes three coffee breaks, the poster session Refreshments and a liquor license fee.

Speaker transport: N. Ashby (Colorado)	\$ 626.43
--	-----------

Ashby is the leading expert in the use of relativity for GPS navigation. He wrote an article in *Physics Today* and was highly recommended.

We decided to get him because we wanted a speaker on a topic with an industrial/applied focus. This expense was pre-approved by Jim Owens.

Banquet Speaker transport: \$ 345.20

The APS forum of History promised \$500 toward our banquet Speaker, J. Stachel. He cut short a speaking engagement in Paris to come to our symposium.

Total expense \$5911.00

Balance due to Colgate University: \$2801.00

Respectfully submitted,

Kiko Galvez
Chair of the Local Committee
Colgate University

4. Secretary/Treasurer Report

The finances were discussed at length, with the conclusion being that the finances are in good shape. The committee recommended that the Secretary/treasurer submit an operating budget at future meetings.

Treasurer's Report – April 7, 2006

Assets with APS as of 3/17/2006 were \$51,822.88 up from \$46,135.86, on October 31, 2005 but a decrease of \$6,895.35 from a year ago.

Expenses since that accounting:

Postage \$2,725.90

Printing Services \$619.46

Office Services \$ 21...72

Total \$3,367.08

Approximate balance \$48,455.80

NYSS – Membership

HIGHLIGHTS

1999 – 1,962	Student Support	-\$2,713.00
2000 – 1,886	Fall Poster Awards	-\$350.00
2001 – 1,906	Outreach	-\$1,000.00
2002 – 1,856	Dues	+\$8,668.06
2003 – 1,842	Investment Income	+520.19
2004 - 1,871		
2005 - 1,938		
2006 – 2,167		

5. Future Symposia

The following future sites and topics were approved:

i) Fall 2006 Symposium – SUNY at Potsdam – October 20-21, 2006

“Acoustics; Musical and Physical” - Larry Brehm

Theme: “Acoustics, Musical and Physical.”

Friday evening public lecture: Prof. Thomas Rossing, emeritus from Northern Illinois University, /Acoustics of Percussion Instruments, Old and New.

Draft list of speakers and topics:

1. psychophysics and auditory physiology of cochlear implants -- Robt. L. Smith, Director of the Institute for Sensory Research, Syracuse University
2. biomimetics -Smart Acoustic Microsensor -- Ronald Miles, Mechanical Engineering, Watson School, SUNY Binghamton
3. active filtering & noise suppression -- Prof. Laura Ray, Dartmouth
4. thermoacoustic refrigeration -- Phil Spoor, Qdrive Resonant Power Systems, Corporation, Troy, NY
5. architectural acoustics -- Paul Camalia, Architectural Acoustics RPI
6. acoustic modeling of musical instruments -- Gary P. Scavone, Schulich School of Music, McGill University

7. Musical synthesis by analysis -- Christopher Watts, St. Lawrence U.
8. sonoluminescence -- Richard Block, Mechanical, Aerospace & Nuclear Engineering, RPI
9. Physics of the pipe organ -- Ray Toland, Clarkson U.
10. animal bioacoustics -- someone from Cornell Ornithology lab?

ii) Spring 2007 Symposium – United States Military Academy at West Point – Topic to be Determined - Joint Meeting with AAPT/NYSS

iii) Fall 2007 Symposium - A proposal was made by Jill Linz to host this symposium at Skidmore, as a joint conference with AASNY (the American Astronomical Society, New York (section)).

The topic will be on some aspect of Astrophysics. Concern was expressed about the joint meeting. The only joint meetings held by APS/NYSS have been with AAPT/NYSS. Gianfranco gave assurance that this was not against policy, as long as we use the same ground rules we do with AAPT/NYSS. **Motion to approve: Larry Josbeno, seconded by Lawrence Brehm, Unanimous (This motion was made at the Fall 2005 Symposium).**

The following sites and topics were presented as possible future symposia:

iv) Spring 2008 Symposium – Corning Community College or Corning Inc. (April 4&5).

v) Fall 2008 Symposium – Ithaca College, “Energy Sources”, Michael Rogers

6. Outreach Grants – Robert Pompei

Due to absentees from the appointed committee (Stacie Nunes (chair), Larry Josbeno, Mike DeMarco and Jill Linz) a substitute committee was appointed by Chair Jim Owens; Larry Josbeno, Robert Pompei, Kiko Galvez and input from Stacie Nunes.

Six Outreach Proposals were considered:

i. Syracuse University

A workshop will be held for the purpose of constructing a wave interference model and a two-slit interference model. The participants at the workshop will be high school physics teachers from the Central New York area. The workshop will be held at the Physics Building at Syracuse University on a selected Saturday during the school year of 2006-2007. The workshop will be part of the series of workshops for physics teachers that have been taking place at Syracuse University since 1991.

The wave interference model can be used either as a demonstration by the teacher of basic properties of waves, or as an equipment item for a lab. For either case, the model demonstrates the basic aspects of wave interference. Hence, it is appropriate for the first class or first laboratory on waves.

Motion to approve request for \$1000.00 grant: Robert Pompei, seconded by Kiko Galvez,

Unanimous ii. Brookhaven National Laboratory – Improved Maglev Program

This is a continuation of a previously funded project. With this grant Dr. Takacs and Dr. Wanderer will work with LI Science Center staff members to develop an expanded maglev program. The LI Science Center will contribute the cost of materials above \$1000 and the staff time to develop the expanded maglev program.

Motion to approve request for \$1000.00 grant: Robert Pompei, seconded by Kiko Galvez,

Unanimous iii. Ithaca College – Creating an Ithaca College Society of Physics Student Physics Circus

The Ithaca Chapter of the Society of Physics Students (SPS) proposes the creation of a “Physics Circus” that will regularly visit local K-12 schools in the Finger Lakes Region. This will benefit not only the K-12 students by teaching them physics, in a hands on manner, but will enable the SPS members to get valuable experience teaching and interacting with K-12 students. Depending on the audience there will either be numerous stations that small groups of people rotate through or one stage where all demonstrations are done for one audience. The Physics Club will cover topics in mechanics, optics, electricity & magnetism, fluid mechanics and thermodynamics. All of these demonstrations will be in ready to go transportable crates. The Club will also develop instructional materials to make it easy for future SPS members.

Motion to approve request for \$980.60 grant: Robert Pompei, seconded by Kiko Galvez,

Unanimous iv. LIGO Hanford Observatory, Poughkeepsie, New York LIGO e-Lab development and Alignment for “Interactions in Understanding the Universe”

Motion to approve request for \$1000.00 grant: Robert Pompei, seconded by Kiko Galvez,

Unanimous v. The Dudley Observatory of Albany – Reflections: Stories of Astronomy, Earth and Space

The outreach proposal “Reflections: Stories of Astronomy, Earth and Space “, was one of six that were submitted for review this spring. The New York State Section of the American Physical Society applauds this effort to help increase science awareness and literacy by implementing an oral history project that will be conducted by high school students and supported by the Dudley Observatory. We especially laud that notable scientists and citizens connected with the observatory will tell their stories in their own words during interviews by young science students. However, the four-member review panel had some difficulty

understanding how the specific equipment outlined was necessary to accomplish this task. The committee felt unable to recommend the project for support at this time. There is clearly a commitment on the part of the Dudley Observatory to improve the understanding of physics that is highly commendable and encourage the Dudley Observatory to clarify the project and resubmit this proposal for consideration in the fall 2006 cycle.

vi) Vassar College – Circus Performance Group

Four graduates of Vassar College, all physics and math majors, who are passionate about performing for audiences and sharing our love of circus arts and physics with those all who see them. They plan to provide educational and entertaining shows for a variety of age ranges, from elementary school children to adults. They will also offer interactive workshops in which we will teach participants how they themselves can do all of the skills they have seen us perform such as juggling, balancing, etc. so that they can gain an understanding of the relationship between physics and circus arts. They will perform at schools and summer camps, as well as corporate events and festivals.

The New York State Section of the American Physical Society applauds this effort to help increase science awareness and literacy by implementing a plan to provide educational and entertaining shows teaching the relationship between physics and circus arts. However, the four-member review panel had some difficulty understanding how the specific equipment outlined in the proposal was necessary to accomplish this task. The committee felt unable to recommend the project for support at this time. There is clearly a commitment on the part of Vassar students to improve the understanding of physics that is highly commendable and we encourage them to clarify the project and resubmit this proposal for consideration in the fall 2006 cycle.

7. Elections:

a. APS/NYSS 2007 voting schedule

- Nominations (Slate) presented at fall Meeting.
- All bios to Josbeno by December 10, 2006.
- February 5-7. Create the Web ballot, with links to candidate info. Test it.
- February 12. All members will have necessary information for voting online or on paper.
- February 12 or 13. Activate the Web voting site. Send broadcast email to members advising them of the election and the procedures to follow.
- February 19 -23 APS will send paper ballots to all with no email addresses and to those whose email messages bounced. Newsletter or printed bios will be sent to all NYSS members. (Note: A copy of the paper ballot should NOT be included in the Newsletter.)
- March 8. Email reminder to members to vote, and reminder of deadline.
- March 18. Deadline for Web voting.
- March 23. Deadline for receipt of paper ballots.
- March 25. Inform candidates of outcome. Invite winners to attend April Executive Committee meeting at West Point,

b. Nominating Committee:

Robert Pompei, chair
Scott Heinekamp
Larry Josbeno
Michael Kotlarchyk
Stacie Nunes
Michael Rogers
Cindy Schwarz
To be announced (with input from APS)

New Business

8. Report from APS - Gianfranco Vidali, Council Advisor.

Here are a few items that were presented and/or discussed at the APS Council Meeting in Chicago, November 20, 2005, and that might be of interests to members of Sections. Recall that minutes of past APS Council Meetings can be found at: <http://www.aps.org/exec/index.cfm>

Preamble

The APS Council is the main governing body of the Society. It is comprised of officers of the American Physical Society (such as the President, the vice-President, the past-President, the President-Elect, and the Operating Officers), the Chairpersons of the Nominating Committee and of the Panel on Public Affairs, and of representatives of Divisions, Forums, as well as two Sections on a rotating basis. There are also eight General Councilors elected by the APS membership to the Council and non-voting representatives of the Canadian and Mexican sister Societies. In total there are about forty voting members plus several non-voting members of the APS staff. A fifteen-member subset of this body forms the Executive Council.

The tasks of the Council are numerous (see <http://www.aps.org/exec/const/>) and include: review the actions of the Executive Board and of the Operating Officers, approve the annual budget, set membership dues, authorize and review public policy statements by the Society, authorize studies sponsored by the Society, elect Fellows, authorize the establishment of new units of the Society, establish new prizes and awards, and propose amendments to the Constitution and approve amendments to the Bylaws.

All APS Units (Divisions, Forums, and Sections) that have passed a certain threshold of membership (as percentage of the total membership) are represented at the Council with voting privileges, with the following qualification. The two geographical Sections serve a staggered 4-year term. The Sections are on a rotating schedule that is based on the chronological order in which they were officially organized. Currently, the members from the Ohio State Section and the New York State Section have one representative each.

Selection of Items Discussed at the Nov. 20 Council Meeting

Governance

1. APS membership continues to grow and is now at an all time high of over 44,000 members.
2. The Executive Council over the summer proposed to change the name of the Society to the American Physics Society to dispel confusion about what the Society is about (the name “Physical” is thought by some to refer to something connected to physical education or fitness). An informal poll among the membership at large favored the change (see past issues of the APS newsletter). However, a name change is not so easy to carry out as it might seem at first; after it was found out how much work was required from a legal standpoint, this project was abandoned. It was decided to leave the name unchanged and add at the bottom of the current logo the word “physics”.

Education and Careers

1. Dr. Renee Diehl (Pennsylvania State University) summarized the report of the joint APS-AAPT Task Force on Graduate Physics Education.

Several issues about physics graduate education emerged in the last decade:

1. There is a perception that physics is fractionalized.
 2. Physics has become a more interdisciplinary field, yet the physics curriculum has hardly changed in the last 50 years.
 3. There is more competition for graduate students from other countries that have taken steps to improve their physics graduate programs.
 4. There is a concern whether scientific ethics is taught effectively. The task force surveyed institutions with graduate programs in physics and received information from 137 such programs. It evaluated a range of issues from the textbooks used in core courses to the type of training in emerging issues such as communication effectiveness and ethics. It made several recommendations on how to improve the curricula. The report can be found at:
<http://www.aps.org/educ/grad/>
2. There is a shortage of physics teachers. Of the teachers who teach physics in high schools, only 30 % have a degree in physics. Of the students in high schools, 30 % take physics courses, as opposed to 60 % who take chemistry and 98 % who take a biology course. There are a few initiatives to address this situation, such as the PhysTEC Program; please visit the APS – Education website for details (<http://www.aps.org/educ/program.cfm>) and become familiar with them, as they can be a tool to recruit student in Physics programs.
 3. Alan Chodos of APS summarized the activities (such as: Physics Quest, Eratosthenes, and Physics on the Road) that took place in the US in celebration of the centennial of Albert Einstein’s miraculous year. See the APS Website or <http://physics2005.org/> for details.

Public Affairs

1. As customary at these meetings, Mike Lubell, Director of Public Affairs at APS, gave a presentation on the President's proposed budget (fiscal year 2006) for research. Research funding is facing another year of very slight growth with cuts to R&D programs outnumbering increases. The level of NSF funding has increased and is back to where it was two years ago (fiscal year 2004), while DOE funding for basic science is facing cuts. He noted how Republican congresspersons who used to be very supportive of science have not been so lately. He urged members, and especially Republicans, to contact Republican congresspersons for sponsoring a strong budget for the basic sciences.

2. As noted before, contacting your congressperson is very effective. Therefore, contact your congressperson using language drafted by the APS. It is easy and takes about 2 minutes of your time. See the following Web site for instructions:

<http://www.congressweb.com/cweb4/index.cfm?orgcode=APSPA>.

3. You are encouraged to check the APS' Public Affairs Webpage regularly:

http://www.aps.org/public_affairs/index.cfm, it contains information about legislation that affects our profession, from appropriation of federal funds for research to problems with issuing visa to foreign students and scholars, and to answering the challenges to "dilute" the teaching of evolution. From time to time, APS takes position on a number of issues involving physics and public policy. Examples include a Boost-Phase Missile Defense Study, released in October 2004, and a statement on Electric and Magnetic Fields and Public Health (April 2005). A complete list of statements can be found at <http://www.aps.org/statements/>, while for reading studies that the Society commissioned, see: http://www.aps.org/public_affairs/popa/popa-studies.cfm.

9. Newsletter Report – Kiko Galvez

Kiko plans to publish a newsletter soon.

There was a major discussion on funding for the newsletter, the resultant opinion, was to continue producing a quality newsletter and mailing copies to all NUSS members and all APS members who reside in New York. It was suggested that there be two issues, one in the Spring and one next fall, to include the biographies of the candidates for next year's (Spring 2007) election.

MOTION: Two Issues will be funded:

1. Spring 2006 – As presented by Kiko Galvez, in flat color to be sent by third class ail.
2. Fall 2006 – A black and white version to include the biographies of the candidates for the Spring 2007 election, to be sent by first class mail.

Motion made by Michael Kotlarchyk; seconded by Scott Heinekamp, Nine in favor, one, Abstention. Motion carried.

10. Report from the APS Convocation - Robert Pompei, Gianfranco Vidali and Larry Josbeno

New York State APS Section Officers Advocate for Physical Science Funding on Capitol Hill

- a. On Friday February 17, Gianfranco Vidali (Councilor) and Bob Pompei (Vice Chair) joined other APS Units officers from across the country in visiting elected members of Congress. The purpose of the visits was to request support for the President's budget proposal to double NSF funding for the physical sciences over a ten year period (8% this year), increase the NIST budget by 18% (this year), and the DOE Office of Science by (14% this year). In 2004, DOE provided 39% of the funding for physical sciences research. NSF provided 13%, NIST 3%, and NASA 22%. There is now the realization in Washington that investment in the physical sciences is absolutely crucial if the United States is going to generate the new ideas which will in turn generate the new products producing new jobs and a different approach to prosperity in an increasingly competitive world environment
- b. In 2005, the National Academy of Sciences published a report "Rising Above the Gathering Storm" which evaluated the performance of the US and emerging economies in terms of R&D investment, Ph.D.s awarded, and science and engineering articles. Industrial, academic, and government laboratory leaders participated in the preparation of the report. It became very clear that the US is becoming less competitive as emerging economies rapidly increase their R&D investment. The US has seen its percentage of the high-tech export market decrease from 31% to 18% over a twenty-year period. All indicators point to the fact that support for basic research in the physical sciences must increase if we are to remain globally competitive
- c. The message has at last been heard in Washington and the administration has proposed the increases indicated above. The problem is that the overall budget is flat and, consequently, other funded areas have been cut and their advocates are starting to make considerable noise. We went to the Hill to tell our representatives how important the funding increase was after so many years of flat or declining support. In return we were informed that it is extremely important for our colleagues back in New York to let their elected federal representative know how much we would appreciate the support of these budget initiatives. We cannot surrender the field to other interests. A proposed budget is just that. We have to generate the votes required to make a proposal into reality.
- d. Please take the time to contact your Senator or Representative. The link is shown below <http://www.congressweb.com/cweb4/index.cfm?orgcode=APSPA>

Entering your zip code will produce the names of your Representative and Senator. Mike Holland of the House Science Committee was very blunt when he informed us that a window on increased physical science funding has been opened. It is our responsibility to let our representatives know how important that window is to us. If we remain silent, the window can

close. Take a short time out of your day and write those who either appropriate or influence the appropriators. It is nothing more than the matter of our survival.

b. Gianfranco then gave information about the budgetary requests advocated by APS for NSF, DOE-Office of Basic Science and NASA (Office of Space Sciences).

c) Larry Josbeno -

Information Services – Alinger and Poteet

- Targeted email – Units can send as many emails, to their members, as they choose (or that the members will tolerate).
- Web Sites – 28 (of 38) of the groups have APS web sites. Some groups have professional web sites (these are expensive to maintain).
- New Web Site – this is coming in the future. Currently it is a work in progress, but one feature will be a page that is continually changing. Presently 34 of 38 units use this type of service.
- Voting – 34 of 38 units are using various forms of electronic voting. A concern was paper ballots. APS mails them out, if the member requests one from APS. These could be duplicated; a poll was taken to determine if the paper ballots should have an identification mark on them. Most groups believe that the paper ballots have a no effect on the results.
- Newsletter – APS would like them to all be electronic, however groups will continue to have the option of paper, electronic or both.

Accounting and Fund Raising – Stephens/Logan

Unit's Account – no changes.

Fund Raising – no changes.

All procedures can be found in the Unit Officers Handbook. www.aps.org/exec/handbook.

11. Report from AAPT/NYSS – Larry Josbeno

Larry Josbeno attended the AAPT/NYSS Executive Board, on April 1, at Skidmore College, (he is also a member of that Board).

1) Outreach – AAPT/NYSS placed a \$500 limit on their Outreach spending. They have placed a moratorium in co-outreach involvement. .

2) AAPT/NYSS is willing to participate in joint meetings, only if they are involved in the planning and presenting, not as just invited attendees

3) Jill Linz (an APS/NYSS executive committee member), hosted the AAPT/NYSS Spring meeting, and did an outstanding job.

13 APS Committee on Education (COE)

The APS Committee on Education (COE) has the mission to advise the APS on issues related to education at all levels. In the course of performing this mission, we have identified the need for better communication with APS units. As a group composed of members of some but not all of the units, we are aware of only some of the education and public outreach (EPO) efforts undertaken by the units. In addition, we occasionally wish to solicit the input of our members on issues that come before our committee. In the other direction, we are developing material that will be disseminated to units in the near future; including, for example, a handbook and resources for units who wish to organize a Teacher's Day at a Division meeting.

Because of this need for better communication, we are asking each unit leadership to provide us with the following information:

- 1) (and foremost) the name of an Education Liaison from your unit who will be our contact point.
- 2) Do you have an EPO Committee or are the duties normally associated with such a committee subsumed by a committee of another name?

Do you have any Education pages as part of your unit web site? If so, please send us the link.

Unless the information is available in 3), please send us a one-page (max) summary of recent EPO activities of your division and plans for the coming year, e.g., if you are planning a Teachers/ Day in 2006.

The name of your Education Liaison will be shared with the Forum on Education and the APS Dept of Education, who also need to contact the units from time to time. This will be useful, for example, in planning joint sessions at the March and April meetings, and in publicizing the FED mini-grant program for education and outreach.

Please send the information to Peggy McMahan, p_mcmahan@lbl.gov by December 16th.

APS/NYSS will formulate a response to this request at the fall (2006) Symposium.

14. The meeting adjourned at 12:18 PM. Motion to adjourn Robert Pompei, Roman Kezerashvili. Unanimous!

Respectfully submitted,

Larry Josbeno, Secretary-Treasurer