

The April 2005 Spring DPP Executive Committee Meeting
Marriot Waterside Hotel, Tampa, Florida
Saturday, April 16, 2005

Members Present: Steve Allen, Cris Barnes, Herb Berk, Vincent Chan, Jill Dahlburg, Melissa Douglas, Jim Drake, Martin Greenwald, David Newman, Fred Skiff

Not Present: Christina Back, Amitava Bhattacharjee, David Hammer, Bill Heidbrink, Ray Fonck

Guests: Donna Baudrau, Lee Berry, Alan Chodos, Jessica Clark, Paul Drake, Steve Eckstrand, Judy Franz, Rick Lee, Michael Lubell, Tom McIlrath

DPP Administrator: Saralyn Stewart

Jill Dahlburg called the meeting to order at approximately 10:00 AM and started with general announcements and Welcoming remarks

(Numbers refer to the Agenda items)

2. There was a short discussion on the minutes of the previous meeting. One small change from the previous minutes deals with one of the committee reports in that none of the DPP nominations was successful. This should be corrected to read, “of the DPP nominations, Bill Dorland was nominated and elected as a member of the APS Panel on Public Affairs.”

Motion(Barnes/Chan): Move to approve the minutes of the Fall 2004 ExCom Meeting.

Action: Passed

3a. Chair's report and Review of Action Items

1. David Hammer and Jim Drake will send a letter of concern to Amy Flatten, APS director of international affairs, regarding the visa problem.
2. Jill Dahlburg will send an invitation to the Energy Secretary again next summer in coordination with OFES with copy to the Director of Science. Jill talked with Orbach – invite Energy Secretary to the DPP meeting. Jill and Steve Eckstrand will draft this and determine the timing of sending the letter. In the next few weeks, Jill and Steve will work on a draft of a letter.

(There was a side discussion on whether there was any news on the ITER front, and Europe was planning on having a meeting. Berk suggested to send the letter right after any ITER decision.)

3. Gail Glendinning will provide the DPP Secretary-Treasurer a rough head count of the number of attendees for the WIPP reception at this meeting. About 300 people were at the WIPP reception – need to get a better estimate from Gail Glendinning. The purpose of the estimate is to try to get a big enough room to handle the

- crowd. In Denver, the room (hopefully the Windows, Tower Bldg.) will hold about 400 for a reception.
4. Chris Barnes will form a subcommittee to come back with the proposal at the Spring ExCom meeting on how to expand DPP's career development activities. Cris was his own subcommittee. He is also a member of Careers and development. Several things happening at April meeting – like career workshop.
 5. Move to approve the list of five distinguished lecturers to be available for the upcoming academic year, and for David Newman and his committee to develop a list of new speakers to be discussed at the Spring ExCom meeting.
 6. Jill Dahlburg and Rick Lee will establish process for thanking the volunteer speakers.
 7. Steve Allen will send Rick Lee a summary of the expenses for Teachers Day/Expo after the meeting. Linda Norman and others have provided budget information to Rick Lee.
 8. David Hammer will appoint a person to contact other plasma physics groups to solicit like-minded physicists to participate in the APS 2006 April Meeting. David Hammer contacted Phil Snyder from the Sherwood group about the April 2006 meeting – trying to get plasma physics groups to participate. (Drake and Chan will also work on this.)
 9. Steve Allen will provide written minutes of all E-mail motions that were voted on since the annual meeting. (with help from Saralyn Stewart).
 10. Cris Barnes, John Kline, Peter Gary, and a university person will look into the code of ethics issue and come back with suggestions to DPP. This committee should make sure the suggestions are in line and coordinated with the APS code of ethics. (Nothing done on this item).
 11. A committee of four consisting of two former committee members and two new committee members, will look into the DPP Administrator's job description, budget, and contract and come back with suggested revisions if needed to the ExCom. (agenda item 23).

3b. Endorsement Requests

Sherwood Meeting

Motion (Barnes/Newman): Move to endorse the Sherwood meeting, April 22-25 in Dallas.

Action: Passed, no opposed

Symposium on the Future of Integrated Modeling, July 19-20, 2005 PPPL. Also to honor Arnold Kritz.

Motion (Barnes/Dahlburg): Endorse this symposium.

Action: Passed, no opposed

Short discussion by S. Allen about whether the members are getting more E-mail from APS than they want. It was suggested to keep the announcements short. Meeting announcements are usually for sponsored meetings, and usually not for profit announcements. HEDP meeting was sent out. If there are E-mails that need to be

questioned, Steve will send it out to ExCom. It was also discussed the Type A (Europe opted in) or Type B.

Saralyn noted that once the meeting is endorsed, then information can be put on the APS website.

Announcements of Grants.

Steve Eckstrand – committee of visitors wanted wide dissemination of grant requests. DOE has asked DPP to do this. This is OK – continue to do this, with DOE and NSF.

3c. DPP letter about fusion funding.

Vincent Chan noted that the 2006 OFES budget looks lean, with decreases. At the APS convocation, several of the members asked for support for science. At Fusion Day, several people discussed fusion funding and a letter with a Budget Discussion and Request was written (included in last minutes). Also a letter by the young scientists.

Rob Goldston asked to bring this up and either endorse the letter or the second letter from young scientists – or write its own letter of position.

There was lively discussion on this topic, including whether we “represent” the fusion community. Also, whether the ExCom should take a position on funding and budget issues –some people were not comfortable with this. APS is making a case for general science funding – but not necessarily specific funding issues.

Vincent suggested that we try to pick out the ideas in the young researchers letter.

Should the Executive Committee address budget issues at the ~ \$1-2 Million Dollar level (Dahlburg) - being vague about the exact amount? Voted to not do this.

Discussion about lack of run time on MFE facilities – now also an issue on NIF, letter could comment on this. Also discussion about the ITER costs versus the “base program” costs – and the affect on the domestic program. Workforce issues (young researchers) was also brought up.

Motion(Berk): Set up a subcommittee to draft a letter that would be acceptable to ExCom and distribute this to the ExCom by E-mail. Vincent should chair the subcommittee.

Action: Passed, 1 opposed.

Short comment about the web-based tools to write a letter to your Congressman about support for Science.

3d. Physics of plasma special issue.

Written report by Sandy Schmidt. This is working well. A total of 85 papers out of a promised 98 from the DPP 2004 meeting. This includes 3 review papers, 4 tutorials, and 2 mini-conferences.

4. DOE OFES presentation by Steve Eckstrand.
For the whole office of science and DOE – this is a tough year. Budget is down about 1% (not counting plus-ups). DOE followed the facilities plan – which has ITER as the #1 machine. Non-ITER budget goes down. This limits the operations on the major machines. ITPA. IEA agreements would be set up to support ITER – deferred until July. Trying to start the Fusion Simulation Project for real. Committee of visitors – even in 1996, we had no solicitations. DOE is spending a lot of time reviewing proposals. Some details about peer review process.

5. Secretary-Treasurer Report, Steve Allen
Meetings group has negotiated no cost for the meetings room at the meeting in Denver. Because of this, we can probably keep the registration fixed. Need to fill about 85% of the hotel rooms, or we make up the difference. Discussion about whether there should be a list of institutions that receive the government rate given to the Adam's Mark hotel. (In the past, DPP has provided a list.) Often, a government ID is required. If people are eligible for the government rate, but apply after the government rate is full, they will have to pay the full rate.

There will be no bus service to other hotels. We should encourage people to stay at the hotel as it is a good deal. (Room-nights are actually the requirement from the hotel – this number varies over the duration of the meeting).

Using a budget spreadsheet similar to Vincent Chan's, we would project a net income for the year of about \$40K. The free meeting rooms has saved us about \$70K. The DPP total assets decreased between 2004 and 2003 by 31,532.01. Total revenue in 2004 was \$5,078 and 50,994 in 2003. Meeting attendance in 2004 was 1412, down a little from 1558 in 2003.

Motion: Moved and seconded that registration fees stay fixed.

Action: Passed

Motion: WPP lunch. -- Student pay \$10.00 . DPP will subsidize \$20.00. Tip and setup is covered by DPP for all attendees. Passed. Adults will pay what the estimated cost is.

10K to 15K. --(5k Program, 5K student travel, 3K discretionary, 2K Rosenbluth.)

6. Jim Drake Counselor report – written report. Lack of science funding. Good report by APS on decrease of science in US. Office of technology assessment.
7. Written reports on prizes and awards – No comments
 - a. MNR outstanding thesis award (Katsouleas). Report lists the members and leaders of the committee. Lists status and their conflicts of interest. May 18 they should have their recommendation.
 - b. Maxwell Prize (Lasinski) 5 person committee – new nominations arriving with 10 holdover nominations.

- c. Excellence Award (Horton) – written report lists the members. Question about the number of nominations (5 new plus 5 old).
8. Additional Committee reports.
- a. Nominations Committee (Marmar) – written report. Early May they will give us a final slate. 5 people on this committee. DPP members were submitted for APS nominating committee. It was noted that Jill Dahlburg was important in getting these names to APS.
 - b. Publication Committee (Gary) – written report. Extremely thorough report. It was noted that Rev. Sci. Instruments was not included, it would be good to include this in the report. Comment about how high the rejection rate was of certain journals.
 - c. Committee on Concerns of Young Scientists (Kline/Carter). Committee trying to improve communication to young scientists. They have a website, and there is a link on the DPP website to this. Would like to have a web-based survey of the young scientists. Saralyn is talking with APS about how to do this.

Other idea is to have a town meeting type meeting at APS. A room has been scheduled for 2005 at Denver. Invite representative of DOE, ITER, NIF to speak.

We need to define what a “young scientist” is, and not link it directly with age – perhaps a “junior to the field”.

Are they aiming to young scientists, early career or junior scientists? When they write this, we will circulate the draft to the Executive Committee.

Send to ExCom a statement that what is the purpose of the town meeting, and what will the speakers be addressing? (Address this also on their web site). (Town meetings are not endorsed by DPP, they are from the chair of the program committee). Also need DPP message about a link to the survey web site, and ExCom would have to approve this.

Approve full slate of APS/DPP Distinguished Lecturers – there are six for 2005. Rick Lee described the new members. There will also be plaques to show appreciation for the lecturers. There is an advertising poster for these six talks.

Motion: (Barnes) Approve full slate of APS/DPP Distinguished Lecturers – there are six for 2005 (previously approved five).

Action: Passed

9. Coalition for Plasma Science. Handout on plasma displays. Handout on plasma glasses. Need new officers. Have judges for International Science Fair.
10. World Year of Physics – Jessica Clark from APS outreach. Middle School “treasure hunt” outreach. Prizes for the outreach will be to fly the class to PPPL, and give them an IPOD and a telescope for the classroom. (Late May). Another program for high school-collaborate together with other classrooms, measure the radius of the earth. Communicate with E-mail. Physics on the road – funded 20 at \$10K. Towson Md. is starting up. Einstein at home – analyze data from LIGO. Run on 100K computers. Physics 2005 and also Einstein at Home have web sites. (clark@aps.org)

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These were presented out of order.

11. APS Public Affairs Office (Lubell) – Discussed general science budget issues and the report that was commissioned by APS on support for science.

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12. a. APS Executive Officer (Judy Franz)
b. Treasurer's Office (Tom McIlrath)

14. Rick Lee – Education and Outreach, and Plasma Physics support (written report)
 - a. Teacher's Day and plasma expo were well attended – 3200 students and 70 teachers. He also presented the costs for Teacher's day in Savannah and projected costs for Denver. The cost of buses is very different between these two meetings. This is a cost-sharing between DPP and other organizations. The safety of presentations at the Expo was also noted as an item that is being looked at carefully. Requesting more money for substitute teachers in Denver – this is important to get the teachers to the Expo and teacher's day. Teri Gaer helped develop the budget numbers for 2005. The space at Denver is too large for us to use – and we have received this at no charge (thanks to the APS meetings department).
 - b. Five recipients for Undergraduate Poster Awards
 - c. 2005 Teachers Day and Expo should be large – 100 teachers.
 - d. Fund raising letter is being drafted by Jill and Rick, and will make it its way in APS. We are anticipating 5-7K from this letter.

13. Nicholson Medal – written report (Berk)

New Nicholson Medal for Human Outreach. Main difference is that the old review had a criteria for human rights. Beginning next year the Medal will emphasize scientific mentorship of younger scientists, since a new APS award has been established for human rights, the Andrei Sakharov Prize. Travel money is often not needed. Ask to donate \$1500 per year until the endowment of \$15K is achieved. Iowa has already raised \$15K for this award. Travel expenses will be provided if someone needs it, but will not be advertised as many people will have grants with travel money. (Could also limit travel stipend to \$1500.) Medal can be received at the meeting of choice.

Motion (Berk/Chan)The Division of Plasma Physics shall donate \$1500 annually to the Nicholson Fund, to be used either for the travel expenses of the recipient of the Nicholson medal, if the travel stipend is needed, or to the endowment fund for the Nicholson Medal. Travel reimbursement shall not exceed \$1500. This donation will continue annually for ten (10), starting in 2005, up to 2014, or until the endowment goal of \$40,000 is reached, whichever is earlier.

Action: Passed

Residual amount in Nicholson fund will probably be used to make new medals – suggest get 15 medals.

16. APS Meetings Department. Donna Baudrau reported on details of the 2005 DPP meeting. The room block has been reduced. Currently we will show only the Adam's Mark Hotel and there will be 250 rooms at the prevailing government rate (at the time of the meeting) and 555 at 25% above the government rate. There will be free wireless in the upper lobby of the Adam's Mark. Internet will be free in the rooms. The current government rate is \$112.
17. April Symposia – joint sessions. Written report was submitted.
18. Melissa Douglas- April Symposia. Barnes and Garnier will be doing lunch with the experts.
19. Details of the 2005 DPP meeting. 19a shows the production schedule. Have received five proposals for workshops. Trying to have laptops in the oral and invited sessions – will cost \$600 per week per session. You will have to go to the speaker ready-room to transfer your talk to the computers. You can also test your presentation in the ready-room. Thought about having a public speaker that could talk on Einstein. Neil Ashby from the Denver area could be a speaker. For the women in plasma physics sessions, will have two of the local scientists from the area. Deadlines are included in the bulletin.
 - a. Will also have a prize for staying from Sunday through Friday – a drawing.
- 19d- Trying to increase some of the career services for the April meeting. Also trying to get graduate students on Sunday evening. Student lunch with the experts – they supplied the lunch for the April meeting on Monday. Barnes suggested doing the same thing for the DPP meeting. These have been successful at other meetings. This could be either undergraduate or graduate students. No firm proposal on what to do at DPP meeting and also what the cost would be – Barnes will do this by E-mail.

Jeff (the skunk) Baxster was a guitar player for Steeley Dan and Doobie Brothers.

The time of day for registration on Sunday 1PM to 6 PM – this is earlier.
Registration opens at 7 AM on Monday morning, with the review talk at 8 AM in the morning.

20. 2006 Meetings

- a. Philadelphia meeting John DeLooper agreed to be the local arrangements person for the Philadelphia meeting of DPP.
- b. 2006 April meeting – one main theme for the program, which will be physical phenomena in laboratory and astrophysical plasmas. Propose to have 11 invited sessions, 1.5 hours per session, with 3 talks. These sessions will overlap with some of the Sherwood sessions. The Sherwood will have it's own invited talk sessions. GPAP is also collaborating with

this activity. Can have focus sessions for particular areas. Sherwood will participate in the plenary sessions, and then have their regular sessions. The schedule will mesh with the regular April meeting schedule. There are no plans for the out-years, this is a test.

One of the major concerns of the Sherwood would be that they would lose a lot of money. Try to find other funding sources for things that are not usually done at the April meeting. There is a cost estimate of about \$10K for reception, coffee breaks, some printing. Printing can be covered by DOE. APS said they would provide \$5K if a few hundred people signed up – we might get more money than this. So there would be a shortfall of about \$5K and DPP would provide up to this amount. April meeting will be about \$300, and the Sherwood meeting is about \$210. This is assumed to be a ONE TIME experiment. The coffee would be in the meeting room for the talks in the morning. The refreshments in the afternoon would be in the poster session.

21. Fellowship committee – total of 37 nominations. There are 9 slots, and three alternate nominations for a total of 12 to be considered and approved. If we have two foreign fellows, then we would get one matching foreign nominee. The total number cannot exceed the limit of $\frac{1}{2}$ of 1% of the Society's membership.
22. Katherine E. Weimer Award Committee. Received \$14235 to endowment fund. Ask APS DPP give matching funds of \$15K to endowment (obliged by previous ExCom).

Motion: APS DPP transfer funds for Katherine E. Weimer Award.

Action: Passed

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\$2K for prize, and travel expenses, every 3 years.

23. DPP Administrator Job Description (Drake) – Paul presented the report from his committee which included the job posting for the DPP administrator, including salary. This will be discussed with the APS management to make sure there are no issues.
24. New Business

Undergraduate poster activity – need to have someone to judge this. Mike Brown has been doing this. There will be 40-50 posters. Request that a ExCom member be there Tuesday afternoon to judge the posters.

Lucky Strike Bowling issue - this is an additional \$2K cost – Rick Lee will work with the young physicists to make a more definite proposal.

Distinguished Lecturers – everyone would do this for two years, but cycle people off so there could be some rotation. Mike Brown would cycle off as he has

already been on this. Mechanism for selection is that nominations were made, and we also had to encourage people to do this work. Tried to keep a balance in the people that were selected – and pick people that were enthusiastic. Rick Lee is the one that kept this moving forward. Chris Barnes and David Newman are the committee. Get nominations by next February – try to select a slate for consideration in March, and then be able to announce this at the Spring meeting. Formalize the flier, and in May get it on the web. It would be desirable to advertise this at the Spring meeting. The money comes from DOE.