

Minutes of the Annual Meeting of the Executive Committee of the Forum on the History of Physics, American Physical Society, April 6, 2014, 9:00 a.m. – 12:00 p.m., Scarbrough Room 2, Hyatt Regency Hotel, Savannah, GA

Present: Executive Committee members Don Howard (Chair), Brian Schwartz (Chair-Elect), Catherine Westfall (Vice-Chair), Cameron Reed (Secretary-Treasurer), Robert Crease (Vice-Chair elect, current member-at-large, and newsletter editor); Peter Pesic (Past Chair), Michael Riordan (former Councilor), Dan Kleppner (current Councilor), at-large members Danian Hu, Paul Halpern, Diana Buchwald, Joseph Martin, Richard Staley; guests Joseph Anderson (AIP), Dierdre Shoemaker and Beverly Berger (Topical Group on Gravitation), and Edward Gerjuoy.

Attachments:

- (1) Abbreviated Secretary-Treasurer's Annual Report (Cameron Reed)
- (2) Forum Councilor's Report (Michael Riordan)
- (3) Newsletter Editor's Report (Robert Crease)
- (4) Report of the Ad Hoc Committee on FHP's Digital Presence (Robert Crease, Joseph Martin, Catherine Westfall)
- (5) Report on APS Program Committee March Meeting (Brian Schwartz)
- (6) APS April Meeting FHP Sessions (Catherine Westfall)

1. Welcome and Introduction

Howard called the meeting to order at 9:00 a.m.; attendees introduced themselves. It was noted that the minutes of last year's meeting (Denver, CO) were approved by e-mail in May, 2013. These are available online at <http://www.aps.org/units/fhp/governance/minutes/upload/april13.pdf>

2. Secretary-Treasurer's Report

Reed briefly summarized the Secretary-Treasurer's report (Attachment 1 gives an abbreviated version). Expenses this year will be high (estimated \$25,000) due to a large number of invited speakers in addition to Executive Committee member travel; we need to project future-year budgets more carefully. Concern was expressed with the proliferation of units within APS and consequent effects on availability of meeting sessions and unit membership. Given our large number of student members, it was suggested that we work more closely with the Forum on graduate Student Affairs. Dan Kleppner remarked that the Heritage Fund endowment now exceeds \$100,000.

3. Forum Councilor Report

Michael Riordan spoke as to his experience of having served a 4-year term as Forum Councilor (2010-2103); see Attachment 2. He expressed the opinion that APS Council has become a

rubber-stamp, not open to much discussion or dissent. It never dis-approved any motions during Riordan's tenure, and he felt that most members did not understanding what they were voting when authorizing expenditures. Riordan feels that APS is basically a publishing company that brings in revenues of some \$20-30 million per year, with journal rates increased incrementally each year to cover deficits. The APS endowment is about \$100 million, from which 4% can be drawn per year to help cover operating expenses.

Current Councilor Dan Kleppner related that he had attended the Council meeting which was held on Thursday and Friday, April 4 and 5. The main topic was the pending corporate reorganization of APS; the current management structure is putting increasing responsibilities on the shoulders of APS Executive Officers. The future management structure will likely be that of a CEO who reports to an Executive Board of a half-dozen or so members, while the Council will be retained to help deal with dealing with strategic problems. The current major strategic issues are open-access journals and developing develop a better digital presence for the Society. There is no speculation yet as to a prospective CEO.

A brief discussion of Council issues ensued. Crease expressed concern that operating officers are becoming marginalized. Kleppner expressed concern with possible significant loss of revenue within the Society's tiered system of journal subscriptions if many smaller colleges should drop library subscription, and that the "elephant in room" with open access is that researchers would bear significant publication costs.

4. Fellowship Committee Report

At 9:36 am, discussion turned to the report of the Fellowship Committee, presented by Catherine Westfall. The Fellowship Committee included Fred Goldhaber, Michel Janssen, David Kaiser, Allan Needell and Catherine Westfall. Both nominees, Diana Kormos Buchwald (Einstein papers Project) and Patrick McCray (UCSB) were approved as APS Fellows by both the Forum on the History of Physics Executive Committee and the APS. Buchwald was nominated "For her pioneering work in the history of the physical sciences, especially her exemplary editorial leadership on The Collected Papers of Albert Einstein," and McCray "For his outstanding scholarship on the history of modern physical sciences that explores relations between experts, amateurs, and enthusiasts, and for his service to the scholarly community, including institution-building and sustained public outreach." Dr. Buchwald was presented with her Fellowship certificate and pin, which resulted in a vigorous round of applause. There are further Fellowship nominations candidates in the pipeline, but new ones are always encouraged.

Dr. Berger entered the meeting at 9:45 and was introduced.

5. Nominating Committee Report

Dr. Pesic presented the report of the Nominating Committee. The Nominating Committee for the 2013/14 election cycle comprised Peter Pesic (Chair), David Cassidy, Diana Buchwald, Clifford Will, and Adrienne Kolb (APS representative). The committee assembled an excellent slate of

candidates: Robert Crease and Paul Halpern for Vice-Chair; Dan Kleppner and Thomas Miller for Councilor (4-year term); and Clayton Gearhart, Danian Hu, Alberto Martinez, and Suman Seth for two three-year At-Large positions. The election ran from December 17, 2013 through January 17, 2014. Upon the close of this meeting, the new Vice Chair will be Robert Crease, and the new Members-At-Large will be Alberto Martinez and Suman Seth; the new Councilor, Dan Kleppner, assumed office retroactively to January 1, 2014. The Committee has generated a list of potential future candidates; there is a need to further increase diversity. Riordan expressed the opinion that the slates of candidates for the last couple elections have been outstanding.

6. Report of Ad-hoc Committee on Digital Presence

Beginning about 9:50 a.m., Crease summarized the status of the newsletter (Attachment 3), and the Ad-hoc Committee's report (Attachment 4). Crease opened with some comments about the FHP newsletter, in particular awkwardness regarding newsletter/web-page interactions. Martin advocated the need for the Forum to have a larger footprint in social media; linking with the Forum on Graduate Student Affairs would be particularly helpful. While APS website-design is underway, this may be two years off, and discussion turned to whether we should run our own domain (using, e.g., wordpress); we would need to be careful what we appear to endorse. Riordan suggested that this could be dealt with by way of a disclaimer, as in the newsletter. It was suggested that as we move from paper to web, contributions such as brief book reviews could be encouraged. Joe Martin pointed out that the newsletter carries the imprimatur of the Forum, but social media can be more flexible. Staley suggested that links to the AIP history site could be used to point to "authorized" versions of various issues. Crease asked what value the newsletter adds to material, as most web content is natural material for the newsletter as well. Riordan pointed out that a significant portion of our membership is of the "paper culture."

Howard asked Anderson about how the AIP Center for the History of Physics views the role of its social media presence; Anderson said that they see it as complementing their newsletter, and while AIP has never really developed a comprehensive policy regarding issues such as accounting for labor costs, they have had no particular problems; a recent work plan authorized 25% of an archivist's time to coordinate web-based material.

7. Program Committee

At 10:10 a.m., Dr. Shoemaker entered the meeting, and discussion was turned to possible joint FHP- GGR sessions in 2015 to mark the centenary of General Relativity. (Dr. Shoemaker is the GGR program chair for next year; Dr. Berger for this year.) GGR is trying to settle their program for next year; they have a number of people who have been in the field for 50 years, and it would be desirable to get them together as a session or panel discussion (for example, panels of Einstein or Hilbert scholars). There will be serious competition for these people next year. It was asked if AIP oral histories could be displayed; Anderson thought that this would be so. Another idea is to bring in people who had personal interactions with Einstein for a contributed session on

reminiscences. A visual display is being developed, and banquet/after-dinner-event is under consideration. Schwartz pointed out that there are entertainers who “do Einstein.”

Dr. Berger said that GGR would like to develop at least one joint session with every unit. They will coordinate with our program chairs as well as with Buchwald and Anderson.

Riordan commented that APS Council is looking for a hundredth anniversary to celebrate for the 2019 joint March/April meeting.

Drs. Shoemaker and Berger departed at 10:35 a.m.

Discussion returned to the FHP program committee. Dr. Schwartz’s summary of the APS Program Committee March Meeting is included here as Attachment 5.

The Program Committee responsible for arranging Forum sessions at the 2014 meetings comprised Brian Schwartz (Chair), Catherine Westfall (Co-Chair), Fabio Bevilacqua, Clayton Gearhart, Denis Weaire, and Adrienne Kolb. Ex-officio members were Greg Good (AIP), Diana Buchwald (Einstein Papers Project), Peter Pesic (*Physics in Perspective*), and Catherine Westfall (History of Science Society).

March meeting sessions (Denver, 3-7 March 2014)

- B38 Women and the Manhattan Project (Invited; joint with CSWP)
- J3 History of Physics, Public Policy and National Facilities
- L38 The History of the Communication of Science to the Public (Invited; joint with FOEP)
- W38 Twentieth-Century Chinese Physicists and Physics (Invited; joint with FIP)

April meeting sessions (Savannah; 5-8 April 2014)

- B10 History of Physics
- C17 Pais Prize Session in honor of David Cassidy (Invited)
- K17 Gaining Inspiration from Galileo, Einstein, and Oppenheimer (Invited)
- R17 The Many Worlds of Leo Szilard (Invited)
- Y10 History of the G2 From 1947 to Present (Invited; joint with DPF)

Schwartz gave a brief report on the March meeting. The session on women of the Manhattan project had good participation. Hu remarked that the session on Chinese physics and physicists attracted about 30 people. Westfall summarized April sessions; the Saturday-morning contributed session was standing room only. Some concern was expressed that FHP can be a dumping ground for low-quality contributed papers; Howard pointed out that our representative at a Sorter’s meeting can refuse FHP imprimatur to a paper.

A detailed list of FHP-sponsored sessions at the April meeting can be found in Attachment 6.

A coffee break was declared to be in order at 10:50.a.m; the meeting resumed at 11:05.

8. Social Media/Forum Website

Howard resumed the meeting by remarking that we need plan of action to move forward with a social media/revised website presence. Various policy questions are involved: APS plans are likely two years out; should we go out on our own? Martin felt that now is a propitious time for more presence, but we need to avoid the risk of multiplicity of websites; Crease stated that he would prefer to wait for APS developments. Howard stated that he would prefer to go ahead with something like wordpress; the questions involved concern labor requirements and how to cross-link with AIP to avoid duplication. Riordan pointed out that, even with APS support and templates, this would mean a demand on us; what structures are in place to coordinate the effort? Schwartz asked if any historians have facebook pages? Joe Martin offered that he would be happy to set up a social-media presence; there is eventual need to integrate with the Forum website. Anderson offered that he, AIP, and Greg Good would be happy to work with Martin.

Howard invited a motion to authorize Martin to set up facebook and twitter accounts following appropriate consultation with APS leadership regarding relevant guidelines. Pesic so moved and Reed seconded. The vote was 9 in favor and 2 abstentions.

9. Historic Sites Committee Report

Halpern summarized the work of the Historic Sites Committee. Four sites have been selected this year (as yet unofficial): the Savannah River Reactor (neutrino discovery); Mount Washington Observatory (muon decay); Fermilab; and the Synchrotron Radiation Center at the University of Wisconsin. Riordan remarked that he felt that the focus of this committee's work is getting lost, and that the Chair of the group should be an active member of Forum with a vested interest in the history of Physics. At present, the Committee on Committees makes recommendations for appointments; Schwartz offered to follow up with APS. Some site nominations remain in the pipeline.

10. General Discussion/New Business

Schwartz raised issue of diversity recruitment for the Forum; he would also like input from leading historians as to current graduate students who could be recruited as new members. Martin remarked that there are opportunities in the "history" side of things, specifically with the History of Science Society (HSS). Staley suggested that we consciously target each Forum and develop sessions (one per year?) that would be relevant to their graduate students.

Howard turned discussion back to the HSS. Westfall remarked that history-of-science students may question if going to an APS meeting is helpful for their career interests if they can afford only one meeting per year. Westfall and Howard offered to approach HSS leadership to explore the possibility of a more formalized relationship.

It was pointed out that with Dr. Crease's advance to the position of Vice-Chair, we will need a new newsletter editor; Crease stated that he is willing to carry on in the position for another year; Dr. Martin offered to help him with the Forum website.

Finally, Howard recognized Peter Pesic for his service to the Forum over four years in the Chair line, and presented him with a gift; this led to a vigorous round of applause.

The meeting adjourned at 12:13 p.m.

Respectfully submitted,

Cameron Reed

Attachment 1: Abbreviated Secretary-Treasurer’s Annual Report (Cameron Reed)

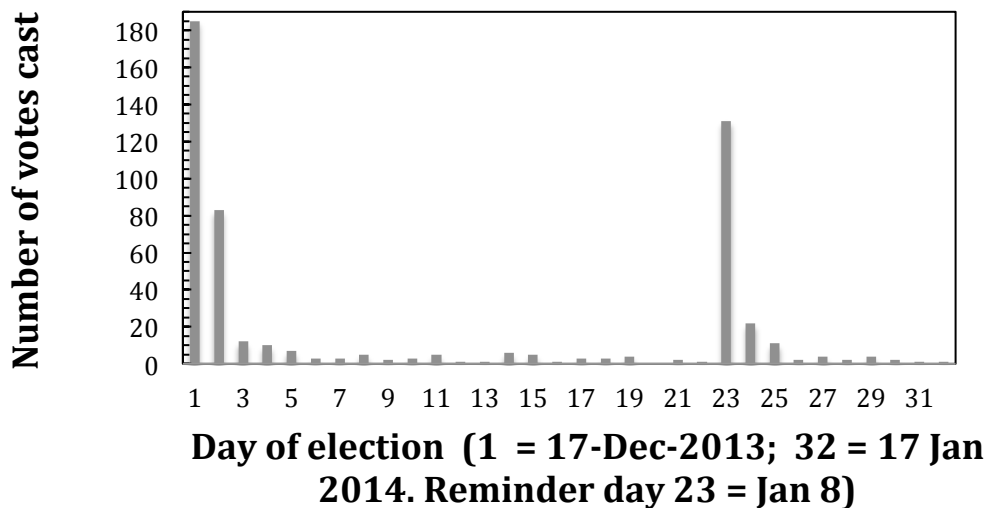
(1) Membership

As of January 15, 2014, FHP has 3531 members; the figure for January 2013 was 3636. Our current membership represents about 6.98% of total APS membership of 50,578. FHP is second from the bottom in membership among Forums; next ahead is the Forum on International Physics (3779 members). FIAP has the largest Forum membership (6871).

FHP membership comprises: Regular 1374; Life 349; Senior (retired) 671; Junior (postdoc) 114; and Student 1023. FHP has a total of 580 Fellows (247 Regular; 240 Senior; 93 Life). The gender breakdown is Male 3003; Female 359; and None 169.

(2) Elections

The Nominating Committee comprised Peter Pesic (Chair), David Cassidy, Diana Buchwald, Clifford Will, and Adrienne Kolb (APS representative). The committee assembled an excellent slate of candidates: Robert Crease and Paul Halpern for Vice-Chair; Dan Kleppner and Thomas Miller for Councilor (4-year term); and Clayton Gearhart, Danian Hu, Alberto Martinez, and Suman Seth for two three-year At-Large positions. The election ran for 32 voting days from December 17, 2013 through January 17, 2014; a reminder message was sent on January 18. A total of 506 electronic and 19 paper ballots were cast; the total turnout of 525 represents 14.9% of Forum membership and an increase of about 15% over the previous year’s 460 votes. Upon the close of the April Executive Committee meeting the new Vice Chair will be Robert Crease, the new Councilor will be Dan Kleppner, and the new Members-At-Large will be Alberto Martinez and Suman Seth. The graph below shows the daily rate of voting. Paper ballots were recorded against the day of their postmark; two paper ballots with indecipherable postmarks were recorded against Day 1.



(3) New APS Fellows through FHP Sponsorship

The 2013 Fellowship Committee comprised Catherine Westfall (Chair), Fred Goldhaber, Michael Janssen, David Kaiser, and Allan Needell. Two Forum members received APS Fellowship: Diana L. Kormos-Buchwald (Caltech) “For her pioneering work in the history of the physical sciences, especially her exemplary editorial leadership on The Collected Papers of Albert Einstein,” and Patrick McCray (UCSB) “For his outstanding scholarship on the history of modern physical sciences that explores relations between experts, amateurs, and enthusiasts, and for his service to the scholarly community, including institution-building and sustained public outreach.” Drs. Kormos-Buchwald and McCray will receive their Fellowship certificates at the Savannah meeting.

(4) Abraham Pais Prize for History of Physics

The Pais Prize Committee comprised Gloria Lubkin (Chair), Cathryn Carson (Vice-Chair), Gregory Good (AIP representative), Roger Stuewer (2013 Prize recipient), Suman Seth, and Dinian Hu as Alternate. The 2014 Prize recipient is David C. Cassidy (Hofstra University) “For his foundational studies on the history of quantum mechanics and his nuanced examinations of physics in Germany and the United States, with special attention to the scientific work, personalities, and dilemmas of Heisenberg and Oppenheimer.” Dr. Cassidy will present a talk and be formally recognized at the 2014 April meeting in Savannah.

(5) Financial

FHP’s financial status is very healthy. At the close of 2013 our operating account balance stood at nearly \$48,000, some \$6,200 ahead of our balance at the close of 2012. Revenues each year consist of an allocation from the APS in January if our account averages under \$50,000 over the course of the year (a practice begun by APS in 2011), investment interest on our monthly bank balance, a share of March and April meeting income depending on the level of FHP participation, and any donations. Expenses are mainly travel costs for EC members to attend annual EC meetings, travel for representatives to attend sorters meetings, stipends to assist invited speakers with travel expenses, and costs associated with staging plays. Significant travel expenses for 2014 can be expected in view of a large number of invited speakers. Herewith a summary of the regular account for calendar year 2013:

Opening balance, Jan. 1, 2013:	\$ 41,711.45
Revenues:	
FHP share of APS dues:	\$ 20,000.00
Revenue from March and April meetings	\$ 2,433.00
Interest on regular account	\$ 1,589.45
From DCMP: 2012 overcharge for	

“superheros” program	\$ 542.39
Total revenue	\$ 24,564.84
Expenses:	
EC travel March/April meetings	\$ 10,008.26
Other travel*	\$ 1,874.60
Pais Prize Dinner	\$ 204.10
Flowers for V. Trimble	\$ 75.57
Costs associated with plays**	\$ 4,699.35
Overnight mail	\$ 12.61
Fee Waivers	\$ 1,485.00
Total expenses	\$ 18,359.49
<u>Balance as of Dec. 31, 2013</u>	<u>\$ 47,916.80</u>

* Brittany Shields, Dava Sobel, Suman Seth

** Farm Hall, Boulder Ensemble Theatre (includes partial March 2014 costs) plus Green Room for Copernicus actors

Status of other funds as of Dec. 31:

Pais History of Physics Prize: \$ 231,677
Heritage Lectureship Award: \$ 11,685
FHP Heritage Fund: \$ 92,268

The Heritage Fund Committee comprises Gloria Lubkin and Marty Blume (co-chairs with Dan Kleppner), Virginia Trimble, Michael Riordan, David Cassidy, and Neal Lane.

(6) Student Travel Grant Award

In late 2013/early 2014, the Executive Committee approved one \$600 student travel award; this will be disbursed from 2014 funds. The awardee was Hamilton Carter (Texas A&M) for his abstract “Rapidity: The Special Relativity Work of Dr. Vladimir Karapetoff.” This paper is scheduled for presentation at the Savannah meeting. One other application was received but was rejected.

(7) Invited Speakers Policy

A long-standing issue for the Forum has been that of support for invited speakers who may be retired or not even physicists. This issue was raised by Brian Schwartz at the APS Committee on Meetings held on Tuesday, July 9, 2013, at APS headquarters. The text below is excerpted from Brian’s report (very slightly edited):

There was considerable discussion about the registration fee for invited speakers of the Forums, who in many cases are not members of the APS, nor are they physicists, nor do they get significant professional recognition for speaking at an APS meeting. The final outcome was as follows:

In all the invitation letters for invited speakers, there will be information on the payment of travel, living and registration fee expenses. The amounts will be determined in advance by the APS unit scheduling the invited speaker. With respect to the registration for the Forums, there will be the following possibilities as determined by the unit with respect to payment:

(i) If the invited speaker is not an APS member (or a physicist), then the registration fee will be 50% of the one day APS registration fee to be paid by the Forum and good only for the day of the invited talk. Typically the one day registration fee is \$225; half would be \$112.50.

(ii) If the invited speaker is an APS member, then the Forum can decide whether or not to pay the registration fee and for how much of the meeting, either one day or the full meeting. The fee will be at the status level of the speaker: working, retired, student rate etc. The details of the registration fee support, if any, will be in the invitation letter to the speaker.

With respect to outside attendees at Forum sessions, it was felt to be a small problem and if the Forum could give the APS meetings department advanced notice of the likelihood of outside attendance, then the APS would work out some no-cost arrangement and modus operandi for the attendees. Any Forum sessions in the evening would be open to students and the public free of charge.

(8) 2014 APS Unit Leadership Convocation

This writer attended the 2014 APS Unit Leadership Convocation held in College Park, MD, February 21-22, 2014. During this 1.5-day event, participants were briefed on current APS affairs and had multiple opportunities to meet with APS staff for question-and-answer sessions regarding day-to-day operational details the Society. General briefings covered issues such as finances, journals, education and diversity initiatives, international affairs, outreach programs, IT developments, and services available to Units.

Some issues that might be of particular interest to FHP that arose during the question-answer sessions were:

- How can we motivate more student participation in Forum sessions and affairs? Perhaps we should offer an award for excellent student publications/contributed papers in our area? It was pointed out that it is often more affordable and comfortable for students to present a paper at a Section meeting than at a national-level meeting.
- Grow membership by encouraging current members to lobby colleagues to consider joining the Forum. Sign-up sheets at meeting sessions are still a very popular strategy.

- Many Units are appointing social media coordinators and establishing corresponding sites; APS can assist with this.
- Consider how we can align with the current APS Strategic Plan.

Other issues of more general interest:

- APS has established a committee to consider how April meetings might be revitalized. April meetings boast much lower attendance than March meetings; depending on how the accounting is done they can in some cases be considered to be losing money. FHP Councilor Dan Kleppner is a member of this committee.
- Motivated by changes in laws for DC-registered non-profit corporations, APS leadership is developing a strategic plan for the future of the Society. The new laws will require changes to the Society's Executive structure. For example, the current Treasurer-Publisher position will apparently need to fission into three separate positions: CFO, Treasurer, and Publisher. A Committee on Corporate Reform has been established, and a consulting firm with expertise in assisting scientific societies with these types of transitions has been retained. The consultants are gathering data; they met with Convocation participants. More information on this very important development will be forthcoming over the spring and summer; a membership-wide vote on changes to the Executive structure may come in the fall. For more background on this issue, see Mike Turner's recent *APS News* piece:
<http://www.aps.org/publications/apsnews/201401/corporate.cfm>
- This issue arose during an informal lunch-time conversation. A Section representative who observed that this writer represented FHP remarked that his Section often had a difficult time finding appropriate general-interest after-dinner-speakers for Section meetings, and wondered if we had a database of members who would be willing to give talks in the area of the history of physics. While we do not maintain such a listing, it was pointed out that APS does do so for both women and minority speakers. It was felt that it would be very valuable to have this resource include any Society member willing to serve as a speaker. If the FHP Executive Committee believes it appropriate, this writer would be willing to inquire of APS if such an initiative could be undertaken. Along this line, all APS members are encouraged to update the "expertise" section of their member profile at <https://www.aps.org/memb-sec/profile/Profile.cfm>

Respectfully submitted,

Cameron Reed
 Secretary-Treasurer
 February 25, 2014

Attachment 2: Forum Councilor's Report (Michael Riordan)

Four years ago I was looking forward to a long term as the FHP Forum Councilor, planning to become more actively involved in the formation of APS policy. Little did I realize at the time that the APS Council was devolving into a passive body whose principal function now is to rubber stamp decisions already made by the Executive Board and various APS committees. It also votes on some important officers, mainly the members of the Executive Board and various APS committees. But it originates few, if any, initiatives on its own and almost always unanimously approves the motions put before it by the APS officers and Board.

No doubt this trend was accelerated by unfortunate Council efforts (which had occurred five years ago, before I stepped in) to wordsmith the official APS statement on climate change, adding the disputed "incontrovertible evidence." But one can see evidence of the same trend in other areas, such as in the recent proliferation of APS units, prizes and awards (many of them marginally funded). That is part of the reason that I decided to pass up the Council meeting in Denver in April 2013, the only one I have missed, in favor of plans for a family vacation. And it is why I chose not to run again for this office.

Noteworthy activities at the November 2013 meeting included the election of Frances Hellman, Greg Meissner, Keivan Stassan, and Annick Suzor-Weiner to serve on the Executive Board and Bill Barletta as Vice Chair of POPA. Extensive time was devoted to a retrospective talk by Katharine Gebbie of NIST celebrating the tenth anniversary of the Historic Sites Committee and the commemorative plaques mounted under its guidance at important sites in the history US physics. Having worked as the Forum Chair with APS Deputy Director Alan Chodos to establish this committee and program, I was heartened to see how successful it had been. Another matter of interest to the Forum is that the Council approved the nominations as APS Fellows of Diana Buchwald and Patrick McCray.

Of more general note, the Council voted to begin reorganizing the APS into a more "corporate" structure, a process resembling what the AIP has been enduring, about which you will doubtless hear a lot more from the new Forum Councilor, Dan Kleppner. In this reorganization, the APS Council is envisaged to become more of an "assembly" that elects a "Board of Directors" to whom the APS officers (President, Treasurer, Secretary, Executive Director, etc.) report and are responsible. To begin that reorganization, the Council voted to "opt out" of its existing business relationship with the District of Columbia, in order to be able to "opt back in" at a later date as a reorganized corporate entity. The APS attorneys assured us that this process was legitimate and indeed necessary. In addition, it was noted that the Panel on Public Affairs (POPA, Chaired by Robert Jaffe) would begin the long and probably arduous process of reviewing the APS statement on climate change, inevitably having to deal with the unfortunate phrase "incontrovertible evidence." You should hear more on this from Dan.

In closing, I'd like to leave you with a few personal observations about the APS and its governance, primarily on fiscal matters. The Society has incurred substantial deficits the entire time I was a Council member, spending on average a few million dollars more than it takes in. Most of these deficits occur because of the need to mount major education, public outreach and lobbying efforts, which I personally support but which do not generate their own corresponding sources of income. Another is the above-mentioned proliferation of APS units, prizes and awards, many of which need to be subsidized until they become self-supporting. During my tenure, for example, the APS launched the Forum on Engaging the Public, or FOEP, to which the

FHP leadership objected because it overlapped substantially with other APS units and because our own APS funding was not adequate. But when I tried to voice these objections at a Council meeting, they were met with sneering rejection by proponents of FOEP, which was approved subsequently with only a few dissenting votes, mine included.

The APS leadership has been dealing with these fiscal deficits by steadily increasing the prices of its scholarly journals, generally a few percent per year, and by drawing a few million dollars per year from its endowment — which seems well managed and has been steadily rising due to the improving markets where most APS funds are invested. These measures can probably continue for years, as APS journals are moderately priced in comparison to the competition, and the financial markets seem strong. But there may well come a time like the Panic of 2008, when draws from the endowment will not be a viable option. The APS does not seem to have any contingency plans to deal with this possibility.

Attachment 3: Newsletter Editor's Report

The newsletter is back on schedule; the Spring 2013 newsletter appeared last spring, and the Fall 2013 newsletter last fall, just prior to the Boston HSS meeting. The APS has redesigned its newsletters somewhat, and the result is much improved over the previous design. The future of the newsletter is of course tied up with the future of the FHP web presence, which in turn is tied up with the impending APS web redesign. The goal, I think, should be to closely link the newsletter and FHP website, to minimize multiplying the overlapping web pages that have to be supervised. Some options are discussed in Joe Martin's Digital Initiative report; these include waiting for the APS redesign, and not waiting for that and pushing ahead with our own digital platform, planning to merge the two sites eventually. The bulk of the newsletter is simply reports from previous meetings and information about upcoming ones, as well as the occasional book review. It would be nice to have more additional material, but these don't seem to show up in the editor's inbox without arm-twisting. The biggest development is that we are seeking a new newsletter editor.

Attachment 4: Report of the Ad Hoc Committee on FHP's Digital Presence (March, 2014)

This ad hoc committee (Robert Crease, Joseph Martin, and Catherine Westfall) was appointed to make recommendations for a push to expand the FHP's digital presence. This report describes both the objectives that such a push should accomplish and recommends a course of action that can meet those goals.

Goals

Modifications and additions to the FHP's online presence should achieve the following:

1. *Connect the existing membership of the FHP.*
Members should receive some substantive benefit from the Forum outside of the March and April meetings. The FHP's digital presence offers the best avenue through which to provide it. This need is currently addressed by the newsletter.
2. *Make the activities of FHP more visible within the APS*
As a Forum should build connections with physicists who may or may not be Forum members, including bringing their attention to relevant conference sessions, prize programs, and other Forum activities.
3. *Engage new audiences in the larger physics and history of science communities*
The Forum should cultivate an audience beyond the APS, in no small part as a tool to address Goal #4 below.
4. *Recruit new membership*
A vigorous online presence can be a tool to ensure the ongoing health of the Forum by communicating the benefits of joining the forum and participating in its programs to a wider audience.
5. *Coordinate with community-building efforts in the History of Science Society, AIP Center for History of Physics, and elsewhere*
The Physical Sciences Forum of the History of Science Society, the revived Joint Atlantic Seminar for History of the Physical Sciences, and a series of junior scholar conferences organized by the Center for History of Physics represent an uptick in community activity in history of physics. An expanded web presence should engage with these activities, for instance by advertising and reporting on meetings that occur outside the auspices of the APS and using these meetings to promote the FHP.
6. *Establish a flexible online infrastructure*
An online presence that can be easily adjusted will permit the Forum to respond to future needs and opportunities.

Recommendations

The committee's recommendations fall into two categories: 1) new initiatives, and 2) modifications of existing programs:

1. *New digital initiatives*

Social media offer the opportunity to engage with existing networks of historians on sites like Twitter, Facebook, and Google+. Doing so represents no expenditure of funds. After establishing a presence on the relevant sites, a forum member, perhaps a graduate student, could be appointed to maintain the FHP's social media presence on a rotating basis. Login information for these services can also be shared among the EC so that any member can contribute to the FHP's social media presence. We anticipate this presence will be useful in generating greater exposure for calls for papers, student travel grant applications, and online publications such as the newsletter.

2. *Existing online presence*

The existing digital footprint of the forum includes the website hosted on the APS servers and the semiannual Forum newsletter.

Although the APS is overhauling its website, indications are that implementation remains as much as two years away. It is therefore reasonable for the FHP to develop a new website independently, which might be rolled into the new APS format once it is established. This could mean, for the time being, that the FHP would have two websites—the official site on the APS servers and the content-oriented site hosted elsewhere. This would be cumbersome in the short term, as some information would have to be updated in both locations, but we also feel that the urgency of updating the Forum's web presence and the benefits of introducing the new site at the same time as a new social media initiative will outweigh this drawback if the new site is aesthetically appealing and frequently updated. The most straightforward and cost effective approach is through a content management system such as Wordpress, which offers free site templates, but also allows for greater customization should we secure the services of someone with web design experience. A Wordpress site would also allow us to add content easily, permitting us to release items—such as book reviews of broad interest, conference announcements, commentary on current events—more frequently than is permitted by the semiannual newsletter. Combined with social media, this could be used to drive traffic to the site and reach a broad audience of potential new members.

The newsletter currently fulfills the function of keeping the membership of the FHP connected and informed; however, it has a limited capacity to address the other goals listed above. We nonetheless concur with Paul Halpern's observation at the 2013 EC meeting that the newsletter constitutes a publication of record of the Forum and conveys in imprimatur on its content that a website would not. We therefore recommend that the new website supplement, rather than replace the newsletter, although some content, especially time-sensitive content, might shift from newsletter to website at the discretion of the newsletter editor.

Remaining Questions

The following outstanding issues should be pursued and discussed by the full Executive Committee:

- 1. What will the precise nature of the new APS back end be?*
- 2. Should the FHP proceed to build a site that could later be ported to the APS domain, or wait for the redesign?*
- 3. What are our design goals for an APS-hosted website?*
- 4. How could the necessary work, for either an independently-hosted site or an APS-hosted site be completed?*

Attachment 5: Report on APS Program Committee March Meeting

2014 Meeting Denver. There were 9200 registrations this year. The upside of the meeting: internet access was terrific, and the program/bulletin app was wonderful. The downside: hotels were hard to find, and it was difficult to get rooms. Lesson for next year: Reserve your hotel room early! Concern was expressed about the low traffic through the exhibits, so more events will be held in the exhibition area next year. Also, the poster session area was bleak; ways to bolster it were discussed.

APS TV. APS TV played on screens in corridors and on hotel TVs. It was actually interesting. It's paid for by sponsors (not the APS, but home institutions) who fork over \$20K per segment, and get to keep the result. These are the "ads." In between, there are shorter, "newsy" segments on sessions. My question: Can we get an FHP session as a newsy segment onscreen? We should pick a good prospect from our March invited session list and pitch it to APS (Terri Gaier, James Taylor). No APS TV yet at the April meeting.

2015 Schedule. The FHP doesn't have to worry about sorting categories, focus topics or tutorials, only about invited programs. We contact speakers before or during the summer. Invited speaker database opens in August, and has to be completed – we identify whom to invite -- in September. Invitation letters sent out by APS in October, and their deadline for response is in November.

2015 Video Recording. Professional quality, of the sort that Kavli does, is expensive. My question: Can we go cheaper? Maybe. We should contact Terri Gaier for possibly arranging less expensive video recording.

2015 Sessions. Space is going to be tight. Denver had 54 available rooms at its convention center, San Antonio will have 42 – meaning a 20% cut in space, thus sessions. There are also more units, so more concurrent sessions. Ominous talk of pulling back invited and contributed sessions. My counsel: fight curtailing our 3 sessions. Limit contributed, not invited, sessions!

Miscellaneous: WarpSpeed, a presentation management system that avoids the confusion and delay of speakers having their own laptops, is being tried at the April meeting and may be brought into March. Some concern was expressed about getting to San Antonio, so book flights early as well.

Attachment 6 APS April Meeting FHP Sessions

April 5, Saturday, 10:45 am to 12:09 pm, Session B10: History of Physics (contributed paper session), Room 205

Chair: Catherine Westfall

“Reactions to Einstein’s 1929 Unified Field Theory Proposal,” Paul Halpern

“The Origins of the Franck-Hertz Experiments,” Clayton Gearhart

“Nikola Tesla, the Ether and his Telautomaton,” Kendall Milar

“Minkowski’s Road to Space-Time, and its Consequences and an Alternative,”
Felix T. Smith

“Rapidity: The Special Relativity Work of Dr. Vladimir Karapetoff,”
Hamilton Carter

“Developments in Computational Physics at Particle Accelerators,”
Francisco Cano

“From the Dawn of the Nuclear Physics to the First Atomic Bombs,”
Stephen Woolbright, Jacob Schumacher, Ekaterina Michonova-Alexova

April 5, Saturday, 1:30 pm to 3:18 pm, Session C17: “Journeys in the History of Physics: Pais Prize Session in Honor of David Cassidy,” Room 105-106

Session Organizer: David Cassidy

Chair: Catherine Westfall

“Abraham Pais Prize: Physics History, and Biography”
David Cassidy

“Toward A Rethinking Of The Relativity Revolution”
Daniel M. Siegel

"An Insider’s History of Some of the Significant Changes in the APS from the 1960s to Today"
Brian Schwartz

April 6, Sunday, 1:30 pm to 3:18 pm, Session K17: “Gaining Inspiration From Galileo, Einstein, and Oppenheimer,” Room 105-106

Session Organizer and Chair: Catherine Westfall

“Galileo As An Intellectual Heretic And Why That is Important”
Paolo Palmieri

“Walking in the Footsteps of Einstein: Why History of Physics Aids Physics Education”
Gerd Kortemeyer

“Using the History of Physics to Enrich Your Teaching”
B. Cameron Reed

April 7, Monday, 10:45 am to 12:33 pm, Session R17: “The Many Worlds of Leo Szilard,”
Room 105-106
Co-sponsored by FHP and FPS

Session Organizer and Chair: Dan Kleppner

“The Many Worlds of Leo Szilard: Physicist, Peacemaker, Provocateur”
William Lanouette

“Leo Szilard In Physics And Information”
Richard Garwin

“Leo Szilard: Biologist and Peace-Maker”
Matthew S. Meselson

April 8, Tuesday, 1:30 to 3:18 pm, Session Y10: “History of G-2: Experiment and Theory,”
Room 205
Co-sponsored by FHP and DPF

Organizer and Chair: Robert P. Crease

“Study of Electron G-2 from 1947 to Present”
Toichiro Kinoshita

“The First CERN Muon G-2 Experiment”
Richard Garwin

“The BNL Muon G-2 Experiment And Beyond”
Yannis Semertzidis