

Minutes of the Executive Committee Meeting of the APS Forum on the History of Physics, Monday, February 15, 2010, 8:30 AM – 1:00 PM, Hoover Room, Wardman Park Marriott Hotel, Washington, DC.

(The minutes of the annual Business Meeting of the FHP are at the end of this report.)

Present: Executive Committee (EC) members Gloria Lubkin (Chair), Daniel Kleppner (Chair Elect), Martin Blume (Vice Chair), Thomas Miller (Secretary-Treasurer), David Cassidy (Past Chair), Michael Riordan (Forum Councilor and Newsletter Associate Editor), Members-at-Large Paul Cadden-Zimansky, Cathryn Carson, George Zimmerman (also Webmaster); Ed Neuenschwander (Newsletter Editor), Gregory Good (AIP Center for History of Physics, CHP). **Also attending:** Peter Pesic (Vice Chair Elect), Clayton Gearhart (Member-at-Large Elect), Joe Anderson (AIP Niels Bohr Library & Archives, NBLA), Robert Romer (Chair, Bylaws Revision Committee), and Kate Kirby (APS Executive Officer),

Absent: Robert Arns, Francis Everitt, Gordon Kane. (Footnote: because of heavy snowfalls in the Washington, DC, area, it was questionable the week before if the meeting would be held at all.)

The agenda sent to members in advance of the meeting will not be given separately because the items in the minutes are the same, and numbered the same as in that agenda.

1. Welcome and Introductions. Lubkin included a reminder that the Spring 2009 Executive Committee (EC) minutes were approved by e-mail a month after that meeting and are posted on the FHP website.

2. Program Committee Report. Blume discussed the APS Program Committee meeting that he and Peter Pesic had attended during two hours prior to the FHP EC meeting. FHP has been assigned 3.5 sessions at the 2011 April meeting in Anaheim and can get more by pairing with other units. FHP sessions at Washington, DC, and Portland were reviewed. Suggestions were solicited, and discussion included Bethe (Kleppner), the Rutherford Centennial at MIT in 2011 (Kleppner), Global Warming (Riordan) and Modeling (Kleppner), Solvay Centennial (Pesic), and Scientist Migration (many ideas). Kleppner gave a report on the 2010 FHP sessions. He noted that all were well-attended, so there was good FHP presence at the APS meetings. Riordan noted that the contributed sessions were likewise good. **Attachment 1** contains the full report of Program Committees for the 2010 and 2011 meetings.

3. Archiving Talks. Anderson said that NBLA can archive invited talks at FHP sessions. They will record the talks and pass them to Zimmerman for the FHP website, and NBLA will link to the FHP website. Lubkin pointed out that the Non-Conservation of Parity session didn't get recorded. Anderson replied that NBLA prefers to record history talks by scientists, not historians (who publish their research). Note, APS videotaped the Fermi session in Washington. Anderson mentioned that Kate Kirby had

been given a tour of NBLA, especially the APS records archive. APS adds 10-15 feet per year to this archive and should have a records manager to organize APS records.

4. Webmaster Report. Zimmerman reported on continuing progress in getting talks posted on the FHP website, and in particular, the ongoing issue of a permission form that protects FHP, APS, and AIP from liability with web postings, but that doesn't scare off contributors with too much legalese. Because of the Digital Millennium Act we may not need permission forms at all, instead a simple request to contributors to delete items that may have copyright issues. Zimmerman has posted most of the 2008 sessions on the FHP website. Cadden-Zimansky noted that the only way of finding the historic sites list from the APS homepage is to do a search, so the FHP website should have a direct link. See **Attachment 2**.

5. Newsletter Editor's Report. Neuenschwander reported on the costs of printing and mailing the Fall 2009 FHP Newsletter (total, \$4,178). See **Attachment 3** for details. Foreign copies are very expensive. In contrast, the Spring Newsletter was entirely online, saving a comparable amount of money. The total cost of the Spring Newsletter was \$124, spent by Riordan in printing and mailing paper copies to FHP members who requested one, along with copies to libraries, etc. Neuenschwander also discussed (a) who is best suited to write session reports, and how they are selected; (b) dealing with requests to print institutional history summaries and obituaries; and (c) finding an associate editor for the newsletter. Riordan was thanked for his years as editor. Riordan suggested that volunteer note-takers are needed for FHP sessions. Newsletter summaries could be coauthored by the note-takers and the session chairs. Riordan said that there are two big jobs that the editor has: getting session summaries and getting the html version of the newsletter prepared.

6. Forum Councilor Report. The FHP Forum Councilor whose term began on 1 January 2010, Riordan, spoke on Council issues coming up. **Attachment 4** is a report on the November 2009 Council meeting from the previous Forum Councilor, Roger Stuewer.

7. Secretary-Treasurer Report. Miller reported on results of the 2009 election and the voting statistics, membership figures, income and expenses for 2009 (basically, breaking even), and budget projections for 2010. See **Attachment 5** for details.

8. Nominating Committee Report. Cassidy reported on the slate of candidates nominated for the 2010 FHP election, which was held in November-December of 2009 because of the early EC meeting (February). See **Attachment 6** for further details.

9. Travel Support for Speakers. Kleppner discussed the problem that FHP has in providing travel support for FHP speakers, many of whom have no institutional support, e.g., if retired. He presented estimates on funding that is needed and discussed efforts such as moving to an online-only newsletter, and in particular, asking APS to provide some of the funding. Riordan felt that asking for more than \$10k would be a mistake; others agreed that the smaller the request, the more likely it would be granted.

10. Fellowship Committee Report. Blume reported on two successful Fellowship awards through FHP, B. Cameron Reed and Catherine Westfall. Blume then described the problem that an incoming Vice-Chair has in organizing a committee and generating Fellowship nominations in a matter of a month or so. He recommends that the Fellowship Committee continue to work throughout the year to encourage nominations for Fellowship, so that the incoming committee is not so rushed. See **Attachment 7** for further details.

11. Bylaws Committee Report. Romer reported on progress in revising the FHP Bylaws and asked for a consensus on certain issues such as (a) dropping the annual business meeting; (b) eliminating the requirement that the Forum Councilor be elected prior to September 1; (c) specifically authorizing e-mail voting by the EC; (d) and having the Nominating Committee suggest candidates for the Forum Councilor position to the EC. Many other changes are being made to either clear up ambiguities or to correct conflicts with the present APS Constitution and Bylaws. See **Attachment 8** for further comments on the Bylaws revision.

12. Increasing FHP Membership. Kleppner asked for suggestions on how we might increase the number of people who sign up for FHP. For example, propose to APS that one free forum be allowed in addition to two other choices of units. There was much discussion on the topic, but no clear resolution.

13. Recording Local Histories. Zimmerman reported on efforts by Arns, Jackson, and himself to encourage physics departments and industrial labs to preserve and record their histories and deposit materials with NBLA. He asked for suggestions and guidance, especially in getting retiring physicists to be aware of the opportunity to send materials to NBLA and in dealing with industrial labs, which are disappearing. See **Attachment 9** for further details.

14. Oral History Interviews by Graduate Students. Cadden-Zimansky suggested that graduate students be encouraged to collect oral history interviews with their advisors and possibly other senior faculty. This suggestion brought up the old question as to whether an oral history interview useful to historians could be carried out by a person not trained in historical research. The EC is generally divided on this question. The NBLA has guidelines on their website for conducting oral histories, at http://www.aip.org/history/oral_history/conducting.html.

15. New Committee Appointments. Kleppner asked for volunteers from among the EC members to serve on committees that interested them. The full list of committees is appended as **Attachment 11**.

16. New Business. Zimmerman presented a proposal which could increase FHP membership and facilitate collection of papers from retiring physicists by formally making FHP the home within APS for retired members. See **Attachment 10**. While the EC could appreciate these benefits, the consensus was that they didn't want FHP seen as

the home for retired members instead of the home for all APS members interested in history.

17. Closing Remarks. Lubkin presented Certificates of Appreciation to retiring EC members: Cassidy, Kane, and Zimmerman.

19. The Meeting Was Adjourned at 4:30 pm.

Attachment 1

Report of the FHP 2011 Program Chairs

Martin Blume, Chair-Elect (Elect) and Peter Pesic, Vice-Chair (Elect) (We don't assume those offices until the end of the "April" EC Meeting)

The 2011 March Meeting will be held in Dallas TX March 21- 25 The 2011 April Meeting will be held in Anaheim CA April 30-May 3. A meeting of the Program Chairs of all participating APS Units will be held on Monday February 15th 2010, prior to the FHP EC meeting, to discuss or receive the number of slots for invited presentations for each unit. If past experience is a guide FHP will have three sessions at each of the meetings. At the March Meeting up to five speakers with 36-minute talks have been allowed, but at April meetings the sessions have been limited to three 36-minute talks. We will see whether these formulas still hold. The number of sessions can be increased by co-sponsorship with other units, as has been accomplished for the 2010 meetings. The Program Chairs and the still to-be-appointed Program Committee will have to produce ideas for sessions and find individuals to act as organizers – putting together a set of subjects and speakers. For the EC meeting we want to discuss possible subjects for sessions. We already have the following suggestions before us:

1. 2011 is the 100th anniversary of the Geiger-Marsden Experiment in Rutherford's laboratory that produced occasional backscattered alpha particles, giving rise to the famous interpretation by Rutherford of the planetary atom, with a heavy nucleus. A session on this could be arranged with the Division of Nuclear Physics.

2. Another 100th anniversary is Kammerlingh Onnes's discovery of superconductivity, which certainly should be celebrated. DCMP and/or DMP could be joint cosponsors.

3. Recent celebrations at the Universities of Wisconsin and Minnesota of J. H. Van Vleck's work on magnetism could be expanded at an FHP session; perhaps jointly with the Topical Group on Magnetism.

4. The Forum on International Physics Chair recently suggested a joint session on migrations of physicists. We (MB and PP) hope to meet with the EC of FIP some time on Sunday to hear their proposal. These suggestions are just the beginning, and we want to

hear ideas put forth by our Executive Committee at our meeting. Please give this some thought and come prepared.

Report of the 2010 Program Committee

Daniel Kleppner, FHP Chair-Elect, and Martin Blume, FHP Vice-Chair

The 2010 Program Committee organized a series of invited sessions inspired by the anniversaries of the invention of the laser and the proposal for superfluidity of He^3 , and also by the great success of the 2009 sessions in honor of Lev Landau and the work of Phillip Anderson. For the “April Meeting”, Washington DC, Feb. 13-16, joint with the annual meeting of the AAPT, the session “Remembering Enrico Fermi” has attracted such high interest that it has been scheduled in the largest hall available. In honor of the anniversary of the laser, a session is being sponsored by FHP and the Topical Group on Precision Measurements and Fundamental Constants. Inspired by a new book on secrecy in physics by Peter Galison, a session on that subject is being sponsored jointly by FHP, the Forum on Physics and Society, and AAPT. A session “Origins of Research and Teaching at Selected Physics Departments” which is of particular interest to AAPT is sponsored jointly by FHP and AAPT. A session of contributed papers is scheduled for Sunday, Feb. 14.

For the March meeting a session in honor of the invention of the laser, stressing its scientific and practical applications, is jointly sponsored by FHP and DCMF. Two other sessions are scheduled – one on the varied life and work of Samuel Goudsmit and one to celebrate the fiftieth anniversary of theories of superfluid He^3 .

The 2009 Pais Prize winner, Stephen Brush, was unable to deliver his prize talk in 2009 and will present it at the 2010 meeting.

The 2010 Pais Prize winner, Russell McCormmach, will deliver his prize talk at the March meeting prior to the Goudsmit talks.

FHP-organized sessions at the 2010 “April” Meeting

February (“April”) 2010 Program, organizer Daniel Kleppner

Secrecy in Physics

Cosponsored with FPS and AAPT

organized by Charles Holbrow

Peter Galison, Chair

Saturday, February 13, 10:45 AM-12:33 PM

- Peter Galison, Harvard University, “Secrecy and Physics”
- Steven Aftergood, Federation of American Scientists, “Secrecy and Physicists: Intersections of Science and National Security”
- William Happer, Princeton University, How Much Secrecy?

Remembering Enrico Fermi

James Cronin, organizer and Chair

Sunday, Feb. 14, 1:30 PM

- T. D. Lee, Columbia University, “Fermi at Columbia and Reminiscence of Chicago Days”
- Richard L. Garwin, IBM Thomas J. Watson Research Center, “Working with Fermi at Chicago and Los Alamos”
- Jerome Friedman, Mass. Institute of Technology, “A Student's View of Fermi”

Origins of Research and Teaching at Selected Physics Departments,

cosponsored with FEd, AAPT

organized by Ronald Mickens.

James Stith, Chair

Monday, Feb. 15, 1:30-3:18 PM

- Hans von Bayer, College of William and Mary, “250 Years of Physics at the College of William and Mary: 1760-2010”
- Warren Collins, Fisk University, “80 Years of Physics at Fisk University”
- Jerry Gollub, Haverford College, “Research and Education in Physics and Astronomy at Haverford College”

The Laser: Historical Perspectives and Impact on Precision Measurements

cosponsored with FHP GPMFC

Daniel Kleppner, organizer and Chair

Tuesday, Feb. 16, 10:45 AM-12:33 PM

- J.A. Giordmaine, NEC Laboratories America, “First Light: from the ruby laser to nonlinear optics”
- Federico Capasso, School of Engineering and Applied Sciences, Harvard University, “Freedom from band-gap slavery: from diode lasers to quantum cascade lasers”
- John L. Hall, JILA/University of Colorado, “Developing Stabilized Lasers, Measuring their Frequencies, demoting the Metre, inventing the Comb, and further consequences”

FHP-organized sessions at the 2010 March Meeting

March 2010 Program, organizer Martin Blume

Five Legacies From the Laser

cosponsored with FIAP

Daniel Kleppner, organizer and Chair

- R. L. Byer, Stanford, “Frequency Conversion Lasers: Scientific and Applied Contributions”
- C. V. Shank, HHMI, “From Femtoseconds to Neurons in 35 Short Years”
- James E Faller, JILA, “Laser Ranging of the Moon”
- James G. Fujimoto, MIT, “Medical Imaging with Optical Coherence”
- Dirk Basting, Lambda Physik Founder “The Excimer Laser: Examples of its Impact

on Science and Industry”

Sam Goudsmit: Physicist, Editor, and More

Benjamin Bederson, organizer; Gloria Lubkin, Chair

- Esther Goudsmit, Oakland University, “Sam Goudsmit's early influences”
- Jonothan Logan, EPG Research Foundation, New York, “Sam Goudsmit: a keen eye for clues”
- Benjamin Bederson, NYU, “Sam Goudsmit: his physics and his statesmanship”
- Peter Levy, NYU, “Electron spin from Goudsmit and Uhlenbeck to Spintronics”
- Martin Blume, BNL Emeritus and APS Emeritus, “Sam, Brookhaven and the Physical Review”

The 50th Anniversary of the Prediction of Superfluidity of He³

George Zimmerman, organizer and Chair

- Philip Anderson, Princeton, “Superconductivity with very repulsive interactions: He³, Pierre Morel, and me”
- Andrew Sessler, Lawrence Berkeley National Laboratory, “Early Thoughts on the Superfluidity of He³”
- Joseph Serene, APS, “Related puzzles in He³: spin fluctuations, the specific heat, and the superfluid phase”
- David Lee, Cornell University “Early Days of superfluid Helium 3: An Experimenter's View”
- Anthony Leggett, UIUC, "Superfluid He³: understanding the experiments".

Pais Prize Talks

(sponsored by the American Physical Society)

2009 Pais Prize Talk, “April” Meeting

Sunday February 14, 3:30 PM

Stephen Brush, University of Maryland, “ Theory and Experiment in the Quantum-Relativity Revolution

2010 Pais Prize Talk, March Meeting

Russell McCormach, University of Oregon, “Henry Cavendish, John Michell, Weighing the World”

Attachment 2

Webmaster Report 2009 Submitted by George Zimmerman

During 2009, most of the time was taken up by trying to resolve the problem of possible APS liability caused by the posting of FHP sponsored talks on the FHP website. That problem was finally resolved with the help of Marty Blume. The matter was finally resolved in November by having the presenters sign a permission agreement, for AIP if

the AIP was involved in the recordings, and APS if the AIP was not involved. The agreements are enclosed. The agreement was fashioned after a Niels Bohr Library and Archives agreement of the AIP. On January 15, 2010, I was informed that the signed permissions are no longer necessary since the APS has obtained a blanket absolution from liability regarding their postings. (The preceding sentence is probably not correct legalese.)

Because of the lateness of the resolution of the problem, of the 19 speakers in April and 15 speakers in March, I was able to get only 21 presentations and permissions signed. (List enclosed.) Two of the sessions, “**Session P8: Centenary of Lev Landau**” and “**Session X8: 50 Years of Anderson Localization**”, have been posted on the FHP web site. Both sessions have one presentation missing although I have subsequently received the missing presentation for X8. The rest of the sessions will be posted in the near future.

Other web happenings:

- 1) Some time was spent to update the list of FHP Officers and EC board members.
- 2) Thanks to the careful reading of the web posting by Dave Cassidy and Tom Miller, there were some corrections of addresses and name spellings etc. which needed attention.
- 3) The picture Gallery of the March and April meetings was published around the middle of last year.

Several questions need to be addressed and I hope that will be done this February:

- 1) The position of an FHP webmaster is an ad hoc position, it should be regularized.
- 2) The postings and picture taking is somewhat time consuming, some help is needed.
- 3) Should we post all FHP sponsored session including the contributed sessions, which, if you remember, had an overflow attendance, or should we post only the invited sessions?

Of those who responded to the “permission” and presentation requests, most were very pleased that their presentations will appear on the web.

Any suggestions and thoughts?

Attachment 3

FHP Newsletter editor’s report to the FHP Executive Committee

February 11, 2010, Ed Neuenschwander

1. 2009 was a year of editorial transition. With deep appreciation I acknowledge Michael Riordan’s tenure as editor. I thank him personally for staying on through the Fall 2009 issue by temporarily assuming of the role of Associate Editor, to help me learn my way around. Michael continues on as Book Review Editor.

The question of finding a new Associate Editor presents itself. One highly qualified person was approached, who felt it necessary to decline. I have also made an inquiry with a second highly qualified person, but as of February 11 that outcome remains undecided.

2. The Fall 2009 Newsletter (12 pages, sent to print November 16) featured these reports on FHP Sessions: “The Origins of Silicon Valley,” “Centenary of Lev Landau,” “Science Policy: Yesterday, Today, and Tomorrow,” “History of MURA, Fermilab, and the SSC,” “The Scientific Legacy of John Wheeler,” and “History of Telescopes.” The issue was also placed on the website, where it was enhanced with additional photographs.

The Spring Newsletter will be entirely on-line. In that issue the Pais Prize winner will be featured.

3. Printing and mailing costs for the Fall 2009 Newsletter break out as follows:

Printing	4000 copies:	\$1,468	6.7 cents / copy
Mailing	3672 copies	\$2,710	73.8 cents / copy
<i>Domestic mailing</i>	<i>3117 copies</i>	<i>\$1,374</i>	<i>44.1 cents / copy</i>
<i>Foreign mailing</i>	<i>555 copies</i>	<i>\$1,336</i>	<i>\$2.41 / copy</i>

Included in “Foreign mailing” are envelopes (\$355), envelope printing (\$273), and foreign postage (\$708). Presumably 328 copies were distributed without being mailed.

Total Fall 2009 Newsletter cost: \$4,178

To reduce costs, we will try to do a better job of informing our audience about the newsletter’s on-line availability. Perhaps the details can also be sent to them by email. Cameron Reed, who edits the newsletter of the Forum on Physics and Society, tells me that “P&S has gone to purely web publication, which I gather saves the Forum a pretty penny compared to when it was entirely put out on paper - enough that, for example, they can offer some honoraria and travel costs for invited speakers and the like.” I thought I should pass that along.

Thanks to Tom Miller, and Michael Stephens of APS, for data.

4. The Spring 2010 issue will be delivered entirely online. That issue will feature the Pais Prize winner and Forum sessions from the present meeting (plus one session left over from last year). How “reporters” are assigned or volunteer to draft articles about FHP-sponsored sessions is not entirely clear to me. Here are excerpts from email conversations on this point:

“In the past we have typically relied on session chairs to write or at least draft the articles about the sessions. But... this may be too much of a burden, given other chair responsibilities... It might be good to have an assigned note-taker who then coauthors the article with the chair.”

“In my opinion the chair of the session can't do a good job of taking notes while also worrying about keeping time for each of the speakers. At least I could not.”

“I agree that we need a more orderly system for reporting our sessions, presumably identifying a [reporter] for each invited session.”

Any suggestions that would maximize responsibility clarity on this point would be greatly appreciated.

5. Obituaries and histories. Over the past year we received at least three requests to publish obituaries, and one request to publish a review of a particular physics department history (presented as a thick book). While we want to honor all deceased colleagues, and while we encourage all physics departments to write their histories, because of the numbers involved we cannot accommodate every such request. We can, however, keep department histories before members with an online living document that carries links to original sources, perhaps highlighting a few quotations from selected histories.

Concerning obituaries, as routine policy we should perhaps defer to other venues such as *Physics Today*. Guidance on circumstances for exceptions would be helpful.

It is a privilege to be associated with the Forum on History of Physics. Again, I wish to thank Michael Riordan for mentoring me in the role as your newsletter editor. I thank Executive Committee members for their patience. I'm still on the learning curve, and am open to correction, but everyone has been gracious.

Respectfully submitted,
Ed Neuenschwander

Attachment 4

APS Council Meeting

Hyatt Regency Hotel
Atlanta, Georgia
November 8, 2009
FHP Councilor's Report

The following APS Council items and actions are germane to the APS Forum on the History of Physics:

1. APS President Cherry Murray reported that at its Retreat on June 19, 2009, the APS Executive Board formulated Overarching Guiding Principles related to the APS Mission, Communications, Business Model, Membership and Programs, and Journals. Some of these, particularly those regarding the APS Mission, require revision, and APS Executive Officer Kate Kirby will establish a small committee to recommend changes to present to Council at its next meeting on April 17-18, 2010, at the ACP in College Park, Maryland. Also on the agenda for that meeting will be recommendations by the Constitution and Bylaws Committee (a) on whether to expand the Council to include four international representatives; and (b) on guidelines for the procedure, drafting, and enacting of official APS Statements. Finally, Murray pointed to what she considered to be two major accomplishments during her term in office: (a) the appointment of the new APS Executive Officer Kate Kirby; and (b) the establishment of a new two-year, more flexible APS budgeting process.

2. APS Executive Officer Kate Kirby made a motion, which passed unanimously, to elect Judy Franz as APS Executive Officer Emeritus. She went on to note that the APS is healthy, with more than 500 new members joining last year, and she announced the results of last fall's General Election, in which 18.2% of the APS members voted: Robert L. Byer (Vice President), Steven Girvin (Nominating Committee Chair-Elect), Marta Dark McNeese and Warren B. Mori (General Councilors), and Belita Koitler (International Councilor). She also supervised the election of eligible Council members to the APS Executive Board and to various APS Committees.

3. Daniel Kleppner (MIT), Chair of the Ad Hoc Committee to Advise the APS President on Proposed Revisions of the 2007 Statement on Climate Change, presented its report, which concluded that the Committee had "varying degrees of reservation" about the 2007 Statement, but these "center on clarity and tone" rather than its "ultimate message: global warming is potentially a grave problem and society needs to take it seriously." The Committee thus recommended "that Council return its resolution to POPA [Panal on Public Affairs] to address the issues of clarity and tone." Votes were taken on the following two motions: (a) that Council approves replacing the 2007 APS Statement with the one provided in the "Austin Petition"; this motion failed with 1 abstention; and (b) that POPA be tasked to review the 2007 Statement "with a view to addressing the issues of clarity and tone raised in the report of the Kleppner committee"; this motion passed with 2 abstentions. POPA's review and its recommended changes in the 2007 Statement will be on Council's agenda at its next meeting on April 17-18, 2010.

4. Council elected as APS Fellows all of the nominees proposed by the APS Fellowship Committee, which included two who were nominated by the FHP, B. Cameron Reed and Catherine Westfall.

5. APS Director of Public Affairs Michael Lubell presented the following statement that POPA proposed on Open Access: "The APS supports the principles of Open Access to the maximum extent possible that allows the Society to maintain peer-reviewed high-quality journals, secure archiving, and the Society's long-term financial stability, to the benefit of the scientific enterprise." Council unanimously approved

POPA's statement on Open Access. Lubell also reported that POPA has four studies underway, on the nuclear stockpile, electrical grid, scarce materials, and carbon capture.

6. APS Treasurer/Publisher Joseph Serene reported that about half of APS's 2007-2008 loss has been recovered and that the projected loss for 2009 operations is less than \$1 million. He concluded that the APS finances and publications are basically healthy. Council unanimously approved the 2010 APS Operating and Capital Expense Budget.

7. Robert Mann (University of Waterloo), President of the Canadian Association of Physicists (CAP, <www.cap.ca>), reported on the past and present activities of CAP, which has about 1500 members and a small staff at the University of Ottawa. Its June 2010 meeting will be in Toronto with Charles Townes as Keynote Speaker.

8. APS Editor-in-Chief Gene Sprouse reported that the new standards that were introduced for publication by *Physical Review Letters* have reduced its size somewhat. In general, the average subscription cost per article for APS journals is far below commercial and other noncommercial journals (for example, \$2.00 as compared to \$30 for *Nature*). The new online journal *Physics* continues to be very successful. Plans are proceeding with the expansion of the space at Ridge according to a winning design submitted by Rogers Marvel LLP. Council will vote on whether to proceed with construction at its next meeting on April 17-18, 2010.

9. APS Director of Public Affairs Michael Lubell outlined the present state of financing for science under the Obama Administration, which is spectacular, but beyond 2011, with the cessation of stimulus money, there is much unpredictability.

10. APS Director of Education and Diversity Ted Hodapp reported that APS received a \$6.5 million five-year NSF grant in support of its Physics Teacher Education Coalition Program (PhysTEC), which is the largest NSF grant APS has ever received, to expand the number of its university sites from 14 to at least 32, the additional ones to be divided between Comprehensive Sites and Pilot Sites, applications for both of which are now being invited. He also discussed the Minority Bridge Program, which Michelle Corte-Real Iacoletti joined as Project Manager in September. The "Gender Equity Conversations," which involve visits to physics departments at no financial cost to them, are being coordinated by Catherine Fiore at MIT. Finally, Hodapp described various means of marketing physics, including a T shirt produced at the University of Texas at Austin with the following inscription on it: "Physics is like Sex/Sure, there are some practical results/But that's not why we do it."

11. APS Director of International Affairs Amy Flatten reported that according to the U.S. State Department there were 6762 U.S. Visa applications being processed on March 16, 2009, with an average processing time of 10-12 weeks, which was reduced to 508 applications on August 17, with an average processing time of 10 days, but she seemed to be quite skeptical about the validity of these numbers. She also said that the revisions in the U.S. Department of Commerce's Export Control List will be published in

the Federal Register in the spring of 2010.

12. APS Associate Executive Officer Alan Chodos reported on APS Outreach, especially the activities in connection with the 50th anniversary of the birth of the laser, called LaserFest (www.laserfest.org), which will include a reception at the Smithsonian Institution on February 12, 2010, during the joint APS-AAPT Washington meeting. He also discussed, for example, PhysicsQuest 2010 for middle-school students featuring “Specta,” a female laser superhero, and the Six Flags Physics Day in the College Park, Maryland, area.

13. APS Executive Officer Kate Kirby reported on the recommendations of the APS Committee on Committees (COC) for appointment of members to serve on various APS committees. I am a member of the COC, and one of the APS committees for which I was responsible was the Historic Sites Committee (which is now a permanent APS committee), in particular, for recommending replacements for John S. Rigden as Chair and for Gerald Holton as a member. Benjamin Bederson and Spencer Weart agreed to serve for three-year terms as replacements, and the former agreed to serve as Chair if asked to do so by the APS President-elect. Kirby also presented proposed amendments to the Bylaws of the Division of Atomic, Molecular, and Optical Physics (First Vote) and to the Bylaws of the Committee on Informing the Public (Second Vote). Council unanimously approved both amendments.

14. Finally, as a result of a discussion at breakfast, I made the following motion, which Council passed with 21 in favor, 3 opposed, and 1 abstention: “That the APS President establish a small committee to make a recommendation to Council on an appropriate period of time after the date of submission of articles to APS journals when the referee reports and other underlying documentation will be opened and made available for historical study.” The background to my motion is that Amy Halsted, Assistant to the APS Editor-in-Chief, pointed out during the discussion and in a subsequent e-mail that, as reported in the Fall 2002 FHP *Newsletter*, applications for access to these materials must be addressed to the APS Editor-in-Chief, who then would make a decision as to whether or not to grant access on a case-by-case basis, because some of these materials are highly sensitive. I responded that few archival materials are as sensitive as those underlying the award of Nobel Prizes, yet the Nobel Foundation has established a 50-year rule governing the release of these materials for study by bona fide scholars and other qualified people. Further, a similar 50-year rule has been established by the Niels Bohr Archives in Copenhagen for similarly sensitive Bohr family documents, as has The Franklin Institute (as Bo Hammer pointed out to me privately). In general, by not having such a clear and unambiguous rule, I argued that the APS is not following generally accepted archival practices. I also argued, in response to Halsted’s e-mail, that there are at least two serious problems with the present case-by-case policy. First, as much as I respect the present and past APS Editors-in-Chief, they are not professional historians or archivists, so some might question their qualifications to make the decision as to whether or not to grant access, which in any case places an additional burden on them. Second, by the very nature of case-by-case decisions, the exact criteria upon which they are based are not public and thus known to scholars, as they should be,

but are only in the minds of those making these decisions, which as a historian I believe is an unsatisfactory state of affairs. I concluded that there are ample reasons to implement the above motion that Council passed. I bring all of this to the attention of the FHP Executive Board, because it is likely that one or more FHP members will be asked to serve on the small committee noted above, and I would urge that whoever is asked to serve would support the position I have advocated above.

Respectfully submitted,

Roger H. Stuewer
FHP Councilor

Attachment 5

Secretary-Treasurer Report, February 2010 (Tom Miller)

1. Membership. As of 11 January 2010, FHP has 3817 members, 7.9% of APS. A breakdown will be given for each type of membership, first with the total number and then the number of Fellows within that classification in parentheses. Regular 1630 (247); Life 527 (107); Senior 692 (254); Junior 114 (0); and Student 1062 (0). The gender breakdown is Male 3271 (576); Female 351 (29); and None 195 (0). A Junior member is in a postdoc position (3 yr max); a Senior member is retired. Analytical readers will see a small error in the sums, but it's not worth pursuing because these numbers fluctuate all the time.

2. Election. The Forum Councilor election had to be held in the summer due to antiquated requirements in the FHP Bylaws. A total of 532 members voted (479 online, 53 paper), or 14.2%. Gloria Lubkin verified the online results; the paper ballots did not change the online outcome. The new Forum Councilor (2010-2013 calendar years) is Michael Riordan.

In the annual election, 573 people voted online, and I received 32 paper ballots, for a total of 605 voters. Our membership as of October 2009 was 3745, so 16.2% voted in the election. Last year: 19.0%. Following the "April" APS meeting in February, the Vice-Chair will be Peter Pesic, and the new at-large members of the Executive Committee (three-year terms) will be Elizabeth Garber and Clayton Gearhart. Gloria Lubkin verified the online results; the paper ballots did not change the online outcome.

Last year I predicted that fewer paper ballots would be cast every election, but I was wrong. The numbers of paper ballots returned over the past five years in the annual elections are: 63, 53, 41, 28, and 32. It may be that the number will level off around 30. The only reason it matters is that FHP has to print and mail out about 300 ballots to people without e-mail address or whose e-mail fails.

3. Treasury. FHP has maintained a baseline bank balance of about \$15,000 as insurance against colossal disasters or mistakes. Income each year consists of an allocation from APS dues every January, investment interest on our monthly bank balance, a share of March and April meeting income depending on the level of FHP participation, and donations (usually earmarked for specific purposes such as named lectures or student travel grants). Expenses are mainly travel to Executive Committee meetings and sorters meetings and the printing and mailing costs of the newsletters, aside from distributing the earmarked donation money to lecturers and students. The regular accounts (i.e., not counting the endowment funds) showed the following in 2009:

Income:

FHP share of APS dues, \$16,868.

FHP share of March meeting, \$826.

FHP share of April meeting, \$645.

5.5% interest on accounts, \$1,670.

Credit for APS newsletter error in 2008, \$2,216.

TOTAL INCOME: \$22,225.

But note that the final item is unusual, and offsets the \$2,000 deficit reported in the 2009 EC minutes. Without that credit, income is \$20,009.

Expenses:

Newsletter printing, \$1,592.

Newsletter mailing, \$2,710.

EC meeting travel, \$11,240.

Sorters or program meetings, \$1,008.

Sponsored lectures (3), \$2,038

EC lunch, \$868.

Registration fee waiver, \$204.

Telephone and mail, \$91.

TOTAL EXPENSES: \$19,751.

So we basically break even, if the extraordinary credit is subtracted. We break even in 2009 because this is the first year that we had one edition of the newsletter only online (no paper edition), and the editors were successful in obtaining 3rd class mailing for the Fall 2009 edition. Had the Spring 2009 been printed and mailed, we would have a deficit, which Virginia Trimble had been covering in past years (to preserve the paper newsletter for people who cannot use the Internet).

In addition to the regular FHP account tabulated above, FHP has an endowment fund initiated by a \$10,718 donation from a former FHP officer who does not want his name announced at present, a \$14,000 donation from Virginia Trimble, and a \$3,000 donation from Marty Blume, for a total endowment of \$27,718. The interest from the endowment has earned \$1,160 since its inception in 2009. The interest rate is 6%, so we expect \$1,663 interest on the endowment in 2010 (ignoring compounding). This money, along with the profit in the regular accounts (\$4,512), may be used for whatever projects the EC wishes (speakers, outreach, endowment). Further, we have a \$1,200 donation from

Wentzel to support two students, but we had no student applying for grants in 2009 (and must remember to prod academic advisors well before the abstract deadlines).

Budget for 2010. It is expected that the base 2010 budget will be similar to 2009. Many charges such as EC travel and the newsletter cost cannot be calculated with any accuracy. The best I can do is to say that a typical EC meeting costs us \$12,300 (including lunch), sorters' travel costs \$1,000, and a single paper newsletter costs \$4,200, in round numbers. So our base expenses total about \$17,500, which is roughly \$2,500 less than income in the regular accounts. If the estimates are reasonable, we'd have this \$2,500, plus the \$2,474 profit from 2009, plus the \$1,663 endowment interest available as discretionary funds (~\$6,600 total) for projects in 2010 and beyond (i.e., we aren't obligated to spend it all in one year!). And we have the Wentzel donation for two student travel grants of \$600 yet to be awarded.

I wish to record here the detail of the portion of the dues money that APS gives to forums. Starting in January 2008, the formula for dues money is $\$2,000 + \$5.50 \times$ (number of FHP members up to 3% of APS total membership) $+ \$3.00 \times$ (number of FHP members exceeding 3% APS total membership). In 2009 this amounted to \$16,868, and should be very similar for 2010 (the accounting statements are not yet available).

Attachment 6

Report on the FHP Nominating Committee, 2009 - 2010

14 December 2009, David Cassidy

The committee consisted of the following members (in alphabetical order):

Robert Arns
David Cassidy, Chair
Allan Franklin
Paul Halpern, APS Representative
Gordon Kane
Catherine Westfall

Because the "April" 2010 meeting was to be held in February 2010, the election of new members was to occur sometime during the fall of 2009. After careful deliberation, the committee assembled an outstanding slate of candidates in time for the fall election. As required, all of the candidates were, or became, members of APS and FHP. The results were (in alphabetical order):

Secretary-Treasurer: Thomas Miller

Vice Chair: Peter Pesic and George Zimmerman

2 Members At Large: Elizabeth Garber, Clayton Gearhart, Danian Hu, Daniel Kennefick

The Forum Bylaws (Art. VII.3) permit the Forum to nominate a single candidate for Secretary if the candidate is the incumbent. After further deliberation, the Committee decided to invoke this option.

Yours sincerely,
David C. Cassidy

Attachment 7

Report of the 2009 Fellowship Committee Chair

M. Blume

The 2009 Fellowship Committee members, appointed by Gloria Lubkin, were: Bill Evenson, Elizabeth Garber, Paul Halpern, and Lillian Hoddeson.

After much work (see below) we had three completed nominations. The Committee deliberated by email and arrived at two nominees who were to be approved and one whose nomination did not meet appropriate criteria. The successful nominees' cases still required work, as their citations were either too long or contained inappropriate parts that would have required endorsement by another unit of APS.

Our two successful nominees were B. Cameron Reed and Catherine Westfall, who have our congratulations, and thanks for making us proud.

The Sponsor of the unsuccessful nominee was notified by me, and was given some guidance on what might be done to make a successful case.

I greatly enjoyed working with what I regard as an outstanding Committee.

I have one suggestion to make about the work of the Committee, which, I'm ashamed to say, occurred to me only very recently. I and the committee sighed with relief when we had completed our work with the then current nominations, and disbanded. **But we should have continued the job of finding individuals worthy of Fellowship, and looking, throughout the year, for potential sponsors for them!** This could be done at a more leisurely pace, and would lift some of the burden of next year's Chair. There are surely many individuals deserving of Fellowship in the APS through the FHP, and we should search diligently for them. The EC can help.

I would like to describe the difficulties of working within the present structure, where the recently elected Vice Chair is charged with jumping in and, though inexperienced, is tasked with seeing both to nominations and then selection. These personal observations are appropriate for those considering changes in the bylaws.

I encountered many problems as Fellowship Chair, some of which have been noted by others. I was informed on March 30th 2009 (by Secretary-Treasurer Tom Miller) that I had “won” the election for Vice Chair, and on April 6th learned that I was to become the Fellowship Committee Chair on May first following the Executive Committee meeting. The Fellowship submission deadline was May first (!) and the submissions as of the April date were largely incomplete. I quickly got the deadline moved forward to June 1st (before I had any authority but with cooperation from the officers) so that the submissions could be completed. The APS electronic Fellowship Submission site was quite difficult to handle and was often wrong - so I had to download all submitted material and put together packages that could be sent to the Committee members.

But this wasn't finished yet. The Committee had to consider each of the cases, and rewrite some of the citations which were either too long or contained accomplishments not sufficiently specific to FHP. We of course had to get approval from the sponsors and supporters of those nominations. This took us late into June, when we finally settled on our nominees and their citations. I then learned that the FHP bylaws required us to get the concurrence of a majority of our Executive Committee prior to sending the package to the APS Fellowship Committee. The latter then considers the nominations from all units and forwards recommendations to the APS Executive Board, which gives final approval. Our Committee was up against several tight deadlines over that summer.

Correcting all this will involve bylaws changes, though. In sum I would move the deadline back to somewhere before the meeting of the EC (such as before the March meeting). The Fellowship Committee Chair would then have the entire year to drum up nominations and also to present the decisions at the meeting of the EC in April. (Secretary-Treasurer Tom Miller pointed out that this was the way DAMOP worked.) We would then avoid the necessity for a separate email vote on the proposed nominees by the Executive Committee.

But this would require the incoming vice-chair to be in place before the March meeting, in turn requiring an earlier election, which appears to be a by-laws issue.

Respectfully submitted,

Martin Blume

Attachment 8

Report of the Ad-Hoc Committee on bylaw revision, for the Feb. 15, 2010 meeting of the FHP Executive Committee.

David Cassidy, Tom Miller, Bob Romer (chair)

“NOTE ADDED IN PROOF” -- In connection with our item #3 below (the Fellowship Committee timing problem) be sure to see Marty Blume’s report, which you all should have received a day or two ago.

Gloria asked the three of us to serve as a subcommittee on bylaw revision, and we quickly realized that the time available would not allow us to present a complete version of the necessary and desired changes by the time of the February/April meeting. Any attempt to do so in haste would have invited errors. Instead, let us describe in general terms what needs to be done.

There are quite a number of minor changes – “copy-editing” corrections, deletions of now-obsolete references, some minor changes to get our bylaws into conformity with the APS constitution and bylaws – and a number of changes that should be made simply to get our bylaws in agreement with what is and has been regular practice in FHP. These small changes we will not bother to describe here.

Instead, we will briefly describe each of the changes we propose that affect what we do in a significant way. We number these items below in sequence (1, 2 ...) and also give the reference to the relevant section in the FHP bylaws.

1. V-2. Make the newsletter editor an ex-officio *voting* member of the Exec Comm (as opposed to the current status, ex-officio *non-voting*).
2. VII - 4. The election procedure for Forum Councilor that is specified in the present bylaws is unnecessarily restrictive, requiring us to hold an election with a closing date of about August 10. (This is the matter that prompted the current call for revision.) There is no need for such an early date; all that is needed is to have the election close in time for the Secretary-Treasurer to notify APS of the results by January 1.)
3. VIII - 3. Fellowship Committee. This one is important, but we do not yet have a specific plan for changing it. The difficulty is one that every newly elected person in the “chair chain” is all too well aware of – the new Vice-Chair begins his or her term of office about May 1 (if the April meeting is in April) and is almost immediately faced with finishing up a batch of fellowship nominations that he or she has inherited and rather quickly getting everything to the APS. If there is any difficulty or just serious discussion about any of the nominations, there is precious little time for the committee and its chair to do what needs to be done.

Here is one possible remedy. (We are not proposing this, at least not now – we invite creative suggestions.) The newly elected Vice-Chair, normally “installed” about May 1, is chair of the Fellowship Committee starting at that time, working with his or her committee to seek out fellowship nominations by various methods, gathering information, and continuing to serve as chair until that batch of nominations is done and

sent to APS – somewhat over a year after taking office. Meanwhile, the person who was first elected about one year earlier continues for some time, supervising the finishing of the batch of fellowship nominations that he or she has been squiring through the process for most of the past year, making sure that all the proper forms get to the APS. That would mean that for a month or two, we would have overlapping chairs of the fellowship committee – one finishing up a batch, the other getting engaged and ready to go.

Perhaps, whether we go for this or some better plan, it could be done by informal agreement, without trying to change the bylaws on this point. (Advantage of doing it informally – if whatever we propose doesn't work out, we can easily change to Plan B, whatever Plan B may be.)

4. VIII-4 & VIII-5. We propose combining the Publications Committee and Editorial Board into a single committee (which is more or less what we do now), make it clear that this committee not only *assists* the Newsletter editor but has *oversight* responsibilities as well, and also assign to this committee similar responsibilities with respect to the Forum's *webmaster*.

5. VIII-8. The Pais selection committee is currently one of our ad-hoc committees. Clearly, it is here to stay. Should we just make it one of our standing committees? There may be a problem, which we have not yet looked into, arising from the fact that the members of this committee are appointed by the APS president, and that the Forum simply makes *recommendations*. We need to find out whether APS rules allow us to have a standing committee whose members are actually appointed by APS. (This is probably not a problem, because it is already the case that one member of our *nominating* committee is appointed by the APS Council, not by us.)

6. We now have a *webmaster*, and it is clear that we need to continue to have one. This may call for a new article in the bylaws. We should regularize this position, state that, for instance, the webmaster is appointed for a three-year term (which, like that of the newsletter editor, is renewable), that he or she is not a member of the Executive Committee, etc.) (One of the “house-keeping” items is that we should state in Article XI that the three-year term of the newsletter editor is renewable.)

7. The Business Meeting. This is a nuisance. Maybe there is some way to get rid of it, maybe – failing that – some way of making it less of a nuisance. We should look into what we can do without violating APS rules and regulations.

File: FHP Bylaws EC report Feb 2010
ROVER-3 C:\WP\FHP
Original date: February 3, 2010 (5:46am)
Edit date: May 25, 2011 (12:21PM)

Attachment 9

Recording Local Histories

Bob Arns and George Zimmerman

Over the years various projects have been undertaken by the Forum on the History of Physics to develop, preserve, and make available historical records of individual physicists, of physics departments in colleges and universities, and of physics departments in industry and in national laboratories. These efforts have involved oral histories, written histories of departments or of research groups within departments, and the development of archival collections – often with leading roles and active support of various libraries and of the Center for the History of Physics and Niels Bohr Library and Archives (NBL) of the AIP. Deposit of copies of all such materials in the NBL was encouraged. This is an interim report on some aspects of these efforts.

In 2007 an initiative was undertaken by David Jackson and George Zimmerman to encourage and collect histories of academic physics department. Department chairs received letters urging their support. Bob Arns joined the effort last year and another letter went out to all physics departments with the help of AIP. Some twenty new histories resulted.

Department chairs were also encouraged to ask retiring faculty members to deposit brief accounts of their own history in physics in the Niels Bohr Library and Archives. In addition to archival materials in the NBL or in local libraries, historical accounts have also appeared on web sites, often as links, which make these accounts more widely available. We have also encountered a couple of examples of the suppression or removal from the Web of historical accounts that were judged to be “not of wide interest” or “not sufficiently positive in tone.”

To date we have not determined how best to elicit historical accounts from physics units in industrial laboratories or from other physicists whose careers have involved applied physics outside of Academe.

At this stage we are seeking the advice of the Executive Committee of the Forum on these efforts and guidance on future directions to be taken.

4 February 2010

Attachment 10

New FHP Business Proposal-February 2010

I want to propose we extend the FHP mission because it would add benefits both to FHP and to a segment of the APS population.

I propose that the FHP, in addition to advancing the scholarship on the History of Physics, add to its portfolio the task of becoming a home, within the APS, for RETIRED/EMERITI PHYSICS APS MEMBERS.

I have found that there is no natural home for APS members who are retired but are still active in the profession. The demographics show an increasing number of physicists, still engaged and interested in making a contribution to physics. This contribution occurs in research, history and education. (Sigma Xi has started a program for its retired members.)

The benefits to FHP would be increased membership, an increased horizon for fund raising, and an expanded base for documentation and source materials for physics history.

We can incorporate the personal histories of the emeriti into a record which could consist of such possibilities as:

- an APS session on personal histories
- comments on current physics
- comments from the perspective of the 50s or 80s during which times many problems were tackled before the technology for the experimental proof or evidence was available.

If developments warrant, the activities could extend FHP services to its membership, including the EMERITI. This would be in line with the recent FHP appointment of a Graduate Student member to the GB. We could thus add an Emeritus representative, although that seat might be filled naturally by some of its current members.

In summary, I propose the establishment of an interest section of the FHP concerned with and becoming the center *off for* APS Emeriti (Senior) members.
George Zimmerman January 25, 2010

Attachment 11

2009-2010 Committee Membership (Those in italics are from last year – awaiting replacement)

Executive Committee

Daniel Kleppner	Chair	kleppner(at)mit.edu
Martin Blume	Chair Elect	blume(at)aps.org
Peter Pesic	Vice Chair	ppesic(at)sjcsf.edu
Thomas Miller	Secretary-Treasurer	millertf(at)bc.edu
Francis Everitt	Member-at-large	francis(at)relgyro.stanford.edu
Robert Arns	Member-at-large	robert.arns(at)uvm.edu
Paul Cadden-Zimansky	Member-at-large	pc2423(at)columbia.edu
Cathryn Carson	Member-at-large	clcarson(at)berkeley.edu
Clayton Gearhart	Member-at-large	cgearhart(at)csbsju.edu

Elizabeth Garber	Member-at-large	garber(at)gmlc-associates.com
Gloria Lubkin	Past Chair	glorialubkin(at)gmail.com
Michael Riordan	Councilor	mriordan(at)ucsc.edu
Gregory Good	CHP-rep	ggood(at)aip.org
Ed Neuenschwander	Editor	dneuensc(at)snu.edu

Program Committee

Martin Blume	Chair	blume(at)aps.org
Peter Pesic	Vice Chair	ppesic(at)sjcsf.edu
Gloria Lubkin		glorialubkin(at)gmail.com
Don Howard		dhoward1(at)nd.edu
Daniel Kennefick		danielk(at)uark.edu
Paul Cadden-Zimansky		pc2423(at)columbia.edu
Bill Blanpeid		bblampied(at)aol.com
Charles Holbrow		
Guy Emery		gemery(at)bowdoin.edu
Daniel Kleppner, ex officio		kleppner(at)mit.edu
Tom Miller, ex officio		millertf(at)bc.edu

Fellowship Committee

Peter Pesic	Chair	ppesic(at)sjcsf.edu
Robert Arns		robert.arns(at)uvm.edu
Cathryn Carson		clcarson(at)berkeley.edu
Catherine Westfall		cwestfall(at)nscl.msu.edu
Elizabeth Garber		garber(at)gmlc-associates.com

Nominating Committee

Gloria Lubkin	Chair	glorialubkin(at)gmail.com
Peter Galison	APS-rep	galison(at)fas.harvard.edu
Cathryn Carson		clcarson(at)berkeley.edu
Allan Franklin		allan.franklin(at)colorado.edu
Clayton Gearhart		cgearhart(at)csbsju.edu
Daniel Siegel		dmsiegel(at)facstaff.wisc.edu

Newsletter Editors

Ed Neuenschwander	Editor	dneuensc(at)snu.edu
Don Lemons	Assoc. Editor	dlemons(at)bethelks.edu

Editorial Board & Publications Committee

Michael Riordan	Chair	mriordan(at)ucsc.edu
Ed Neuenschwander	Editor	dneuensc(at)snu.edu
Ben Bederson		ben.bederson(at)nyu.edu
Bill Evenson		bill(at)evenson.ch

Award Committee (vacant)

Department Histories (ad hoc)

George Zimmerman goz(at)bu.edu
Robert Arns robert.arns(at)uvm.edu

FHP Webmaster (ad hoc)

George Zimmerman goz(at)bu.edu

Bylaws Committee (ad hoc)

Robert Romer Chair rhromer(at)amherst.edu
David Cassidy chmdcc(at)verizon.net
Tom Miller millertf(at)bc.edu

Pais Prize Committee (Jan. 2010 – Jan. 2011)

(The Pais Prize Committee is an APS-wide committee, but it's useful to list its membership here, since the APS relies on FHP for recommendations, and their selection must be approved by the FHP EC.)

Robert Crease Chair rcrease(at)nodes.cc.sunysb.edu
Elizabeth Garber Vice Chair garber(at)gmlc-associates.com
vacant Past Winner (unable to serve)
Robert Arns robert.arns(at)uvm.edu
Allan Needell AIP rep needella(at)si.edu
Michael Riordan mriordan(at)ucsc.edu

(The 2010 Pais Prize winner, Russell McCormach, was unable to serve.)

Minutes of the annual FHP business meeting, February 15, 2010

The meeting was called to order at 5:30 pm by Forum Chair Gloria Lubkin. Approximately 7 FHP members were in attendance (mostly Executive Committee members). Lubkin gave a summary of EC discussions and actions. Secretary-Treasurer Thomas Miller gave a report on FHP finances. The meeting was adjourned at 5:45 pm.