

Minutes of the Executive Committee of the Forum on the History of Physics, American Physical Society, April 14, 2013, 9:00 a.m. – 1:00 p.m., Directors Row F, Sheraton Downtown Hotel, Denver, CO

Present: Executive Committee members Peter Pesic (Chair), Don Howard (Chair-Elect), Brian Schwartz (Vice-Chair), Tom Miller (Secretary-Treasurer) Cameron Reed (Secretary-Treasurer elect), Catherine Westfall (Vice-Chair elect), Gregory Good (Ex Officio; Director, Center for the History of Physics), at-large members Robert Crease (also newsletter editor), Clayton Gearhart, Danian Hu, Paul Halpern, at-large-elect member Diana Buchwald, and drop-in visitor APS Executive Officer Kate Kirby.



The FHP Executive Committee hard at work in Denver. Clockwise from left foreground: Clayton Gearhart, Cameron Reed, Brian Schwartz, Greg Good, Robert Crease, Catherine Westfall, Paul Halpern, Danian Hu, Don Howard, Peter Pesic, and Diana Buchwald. Photo by Tom Miller.

1. Welcome and Introduction: Pesic called the meeting to order at 9:00 a.m. Attendees introduced themselves. It was noted that the minutes of last year's meeting (Atlanta, GA) were approved by e-mail in May, 2012. These are available online at <http://www.aps.org/units/fhp/governance/minutes/upload/april12.pdf>

2. Secretary-Treasurer's Report: Miller reported that FHP membership is decreasing by approximately 35 per year. Forum membership currently stands at 7.3% of APS membership; about 31% of Forum members are students. We would lose our Forum Councilor position if membership were to fall to less than 4.2% of APS membership; conversely, we would gain another Councilor position if membership rose to 12% of APS membership. Miller's report for the 2012 budget year can be found below as **Attachment 1**; in brief, expenses amounted to \$19,655 and income to \$23,745; at this writing the Forum's operating balance stands at close to \$62,000. The Budget for the next year is hard to predict due to variable travel costs, but can be estimated to be on the order of \$20,000 for Executive Committee and speaker travel costs. Plays such as that put on at the March meeting in Baltimore cost about \$2,000 each, but are attracting good crowds. The new APS units funding formula dictates a \$20,000 input from APS on January 1 if the Forum operating budget is less than \$50,000 at that time, irrespective of the absolute number of Forum members.

The discussion turned to ways to recruit new members, such as sign-up sheets at Forum-sponsored sessions. Good pointed out that new opportunities along this line lie in the direction of social media such as Facebook and Twitter, although care must be taken with links to external content which might be taken to imply endorsement of potentially inaccurate material; disclaimers can get overlooked. Howard remarked that the Forum's website looks a bit stodgy; Westfall suggested that she and Crease work on this issue as part of newsletter operations and that coordination of our social media presence might be an appropriate endeavor for our early-career Executive Committee member; Joseph Martin could be a valuable resource in this regard (see end of Section 3 below).

3. Visit by Kate Kirby. At 9:32 a.m., APS Executive Officer Kate Kirby entered the meeting. After introductions, the discussion turned to social media and outreach opportunities. There is an APS Facebook group; the relevant contact is Chelsea Pedé, who is currently working on a project to conduct interviews with meeting participants and speakers. These interviews are sponsored by organizations which wish to advertise to meeting participants, and will appear on "APS TV" on the APS website. There is also a considerable amount of material on YouTube provided by the Society's outreach department, for example, NASA's "science off the sphere" videos from the space station; the APS contact is contact is Becky Thompson. The "Spectra" comic book is reportedly a hit with pre-teen girls. An important dimension of outreach is the international character of the Society: 21% of APS members are international, more than two-thirds of journal papers originate from outside North America, and about 50% of referees are located in Western Europe; the APS is to start a task force on international engagement.

Crease asked Kirby about the possibility of webpage renovations. She replied that the APS IT group is working with an outside consultant to look at what should be done to make the Society's website more engaging; the main needs are for communication enhanced by a good digital strategy and better integration of content between journals, meetings, and programs. This will require considerable infrastructure; achieving a common search taxonomy will be crucial. Halpern asked if it might be possible to set up a museum/visitor center at the Society's College Park headquarters; Good replied that this would require a new building and professional staff.

Pesic raised the issue of the former meetings policy which allowed individuals to attend Forum sessions without registering for the main meeting; this had been helpful for both students who liked to attend sessions but could not afford associated travel costs and historians at big schools who don't have grants. Pesic felt that Forums that provide general sessions shouldn't be subject to this "taxation" issue and that the policy cuts against the Forum's outreach intent. Kirby replied that the former "open" arrangement was awkward for the meetings department: people try to get in without paying, and there is a question of control. She suggested that the question be taken up at a meeting of the Committee on Meetings scheduled for June. Buchwald remarked that the AAAS holds "family days" which allow entry of family members and groups to outreach sessions.

Hu inquired as to outcomes regarding an APS delegation that had been sent to China and Hong Kong last year. Kirby replied that the delegation had met with a number of physics departments and participated in a joint CPS/APS session at a CPS meeting. Over 340 APS members are in China; particularly promising areas for contact involve condensed matter, materials, and nano-

science physics. Election to APS fellowship is regarded as very significant in China. Many Chinese physicists come to March meetings and bring students in order to build contacts and recruit Chinese post-docs and grad students to go back to China. Universities in China desire to attract more international faculty; there are opportunities for four or six-month faculty visits to teach courses in English. In China there is also interest in American research in the area of effective research-based pedagogy. Pesic remarked that the History of physics in China could be a valuable area of Forum involvement.

Halpern commented that he had recently been in Berlin, and that the German government desires to make science more entertaining to young people. Kirby stated that there will be an opportunity for APS leaders to speak with the President of the German Physical Society in June. She also remarked that the PhysicsQuest program is very popular internationally; it would be desirable to translate Spectra into German, but there is a need to locate a good partner for this.

Pesic raised the issue of the 12-minute duration of contributed talks at Forum sessions being a limitation for historical talks, and asked Kirby if we could get a variance. She replied that we need to have a representative at the sorter's meeting. APS would like to promote more poster contributions as a way for students to network; it was commented that poster sessions are not typically an element of "history culture."

Kirby informed the committee that APS Council has passed a resolution to have a combined March/April meeting in March 2019. This would be held in Boston, attract an estimated 15,000 attendees, and involve 70 parallel sessions.

Kirby departed the meeting at 10:27 a.m., at which point a coffee break was declared to be in order. The meeting resumed at 10:45.

Pesic raised the matter of the early-career at-large member position on the Executive Committee, which is currently held by Lisa Crystal. Crystal was not at the meeting and her APS membership has lapsed. Pesic moved that he contact Crystal to find out if she is able to continue serving. an approach to Crystal to gauge her interest be made and that, if such fails or she is no longer interested, Joseph Martin (U. of Minnesota) should be appointed to finish the remaining two years of her term and that he also be appointed to chair a committee to consider social media issues. This was unanimously approved; the other members of the committee are to be Crease, Westfall, Good, and Halpern.

4. Program Committee Report. Howard summarized the Forum's 2013 activities: two sessions, a play, and a joint session at the March meeting; three sessions, a play, and a joint session at the April meeting. The 2012-13 Program Committee was Don Howard (Chair), Brian Schwartz (Co-Chair), Fabio Bevilacqua, Lisa Crystal, Clayton Gearhart, Greg Good, Paul Halpern, Danian Hu, Joseph Martin, and Denis Weaire. The program committee for the coming year needs to be constituted; Schwartz and Westfall are serving as Co-Chairs, and will seek out other members.

March meeting sessions:

Invited Session: Celebrating 100 Years of Physical Review at APS. Chair: Don Howard. Invited Speakers: Martin Blume, Robert Crease, Daniel Kennefick, Mark Doyle, Gene Sprouse.

Invited Session: A History of Physics in Industry followed by Panel Discussion. Chair: Joseph Martin. Invited Speakers: Orville Butler, Brittany Shields, Cyrus Mody, Stuart Leslie, Joseph Martin.

International Physics Programs and History of Physics (jointly with FIP). Chair: Gloria Lubkin.

A Staged Reading of the Play: Farm Hall. Invited Speakers: David C. Cassidy.

April meeting sessions:

Invited Session: Maria Goeppert Mayer: The 50th Anniversary of Her Nobel Prize. Chair: Paul Halpern. Invited Speakers: Steven Moszkowski, Karen E. Johnson, Elizabeth Baranger.

A Staged Reading of the Play: And the Sun Stood Still: A Play about Nicolaus Copernicus. Chair: Brian Schwartz. Invited Speakers: Dava Sobel.

Invited Session: Pais Prize Lecture: Relations Between Physics and History of Physics. Chair: Don Howard. Invited Speakers: Roger H. Stuewer, Alberto Martinez, Michel Janssen.

Public Policy and History of Physics (jointly with FOEP). Chair: Brian Schwartz. Contributing speakers: Cameron Reed, Virginia Trimble, Clayton Gearhart, Per Carlson, Alan Watson, Felix Smith, Paul Halpern, R. J. Peterson, Arjun Saxena.

Invited Session: 100 Years of the Bohr Atom. Chair: Peter Pesic. Invited Speakers: Alfred Scharff Goldhaber, Suman Seth, Don Howard.

Schwartz circulated a list of possible topics and speakers for next year's meetings (**Attachment 2**). These included Women of the War Effort (with DNP and FPS); Personal History by Relatives of Accomplished Physicists; History of Science Journalism and Science Communication (with FOEP); the Role of Science and Technology in World War I (with FIAP and FPS); a session concerning "Philosophical or Scientific Question: Why Are We Here" (with DAP); the 450th Anniversary of Galileo's birth; a session on Leo Szilard; the life of a graduate student as a function of time; and the changing demographics of physics. Idea for plays included the transistor, Galileo, Meitner, "Uranium and Peaches" (based on William Lanouette's book), and Ralph Alpher and the cosmic background radiation. Howard argued that while personal recollections can be interesting, a session of anecdotes will typically be lost soon afterwards; he feels that we should be offering sessions involving serious history of physics, and suggested that something on scientist's movement in mid-1940's might be appropriate. Crease responded that the purpose of sessions is not to try to "do history," but rather to provide raw material. Buchwald pointed out the danger of partisanship in personal sessions; history requires distance. Westfall suggested that such sessions comprise a reminiscence, a small number of physicists, and a real historian to anchor the session; another model might be a panel discussion moderated by a historian, with follow-up oral history interviews.

Hu offered that he will try to organize a session on 20th century Chinese developments in physics and relevant Western and Soviet influences.

5. Forum Councilor Report. None.

6. Newsletter report. Crease reported that the newsletter is now almost caught up after falling a year behind publication schedule in 2012. He is concerned with the newsletter website, which needs renovation and could be more imaginative. This led to a discussion of the purpose of the newsletter, which has traditionally been to cover meetings and report on the Pais Prize. Perhaps it should include shorter and more numerous reviews of books that would not be covered in *Physics Today*, plus reviews of movies, plays, documentaries, and blogs on the representation of the history of physics in media. Howard wondered if the future might see no newsletter and so using the Forum's webspace in different ways than it is now; Halpern argued the need for a document of record. Howard suggested that the social media and publications committees look into this. Miller remarked that terms of members of the Editorial Board need to be defined in accordance with article IX-4 of the FHP by-laws.

7. Fellowship Committee. Howard reported that two fellowship nominations are in process.

8. Nominating Committee (Attachment 3). Pesic praised the work of the past year's nominating committee in assembling a large list of nominees. This year's election will involve the Forum Councilor position, which must be populated by January 1, 2014; Miller remarked that he has various candidates in mind.

9. Other Reports and Issues. Pesic asked how FHP can collaborate more effectively with other partners such as *Physics in Perspective*, the AIP Center for the History of Physics, the Einstein papers project, the History of Science Society (HSS), and the Niels Bohr Archive. Howard suggested that the AIP and the Einstein project each be offered the opportunity to organize one session under the FHP banner every year (vetted by the Program Committee), say one at each of the March and April meetings. Pesic and Crease are to be the new editors of *Physics in Perspective* (PiP). PiP had originally been envisioned as a sort of official FHP journal; this discussion could be reopened. We need information from Roger Stuewer regarding how this issue was approached 15 years ago, and will need to take it to the APS Executive Committee for any formal action.

Howard suggested that representatives from the above organizations be part of the Program Committee, and Westfall suggested that the editor(s) of PiP be a continuing ex-officio member of the FHP Executive Committee. Westfall and Good briefly described the new Physical Science Forum (PSF) of the HSS, which was begun last year. This PSF's function is to encourage scholarship in the history of the physical sciences within the HSS community. To this end, the forum in its first year will restart an early career seminar on the history of physical science with a workshop in May at the Philadelphia Area Center for History of Science; sponsor a session at the annual HSS on current trends in the history of the physical sciences; and sponsor a Distinguished Lecture by Peter Galison. In addition, Joseph Martin has created for PSF a Humanities and Social Sciences Online forum (H-Net). It was remarked that the existence of this new group be

announced in the next FHP newsletter. Howard and Gearhart moved that a message be dispatched to the new forum from the Executive Committee to wish them well in their endeavors, and to suggest the possibility of collaboration; we might consider establishing formal contact with this group in order to secure good speakers and encourage same to submit articles to PiP.

As a result of the above discussion, Howard moved that representatives from the Einstein papers project, the Physical Science Forum of the HSS, PiP, and AIP be appointed as ex-officio to the FPS Program Committee and be encouraged to propose sessions at meetings. Westfall seconded the motion, which was unanimously approved.

Howard then moved that the Executive Committee be empowered to open discussion with APS regarding a relationship between FHP and PiP. This was seconded by Halpern, and approved unanimously.

Halpern reported on the APS Historic Sites Committee. Three sites were designated this year: the IBM Thomas J. Watson Research Center, the Los Alamos historic district, and the Carnegie Institution of Washington Division of Terrestrial Magnetism.

Pesic summarized the status of the Pais Prize. The number of nominations is low, with apparently only two in process; we need to encourage more nominations. Prize Committee members cannot make nominations by themselves; Executive Committee members can make nominations but must recuse themselves during subsequent deliberations. Complete nominations continue for 3 years. There is a conflict as to whether the deadline for nominations is May 1 (FHP website) or July 1 (as indicated by Alan Chodos in his letters of appointment for this year's committee). Good remarked that we need a record of nominees for the years 2010, 2011, and 2012. There was some discussion of the perception that the Prize is awarded to "senior" individuals, but the rules make no mention of this. The committee for the 2014 Prize is

Gloria Lubkin (Chair)	[Previous-year Vice Chair]
Cathryn Carson (Vice Chair)	[Appointed by APS, February 2013]
Roger Stuewer (2013 Recipient)	[One-year term]
Suman Seth	[Appointed by APS, February 2013; two-year term]
Gregory Good	[Continuing term as AIP representative]
Danian Hu (alternate)	[Appointed by APS, February 2013; one-year term]

Pesic asked Westfall to comment on the oral history workshop that was conducted at the March meeting. This garnered a small but interested group of older participants; no graduate students attended. Westfall felt that the program had little effect and saw no need to continue it.

Pesic distributed Certificates of Appreciation to Gearhart, Westfall, and Miller for their service on the Executive Committee (Gearhart is exiting as a member-at-large, Miller as Secretary Treasurer, and Westfall, who had been a member-at-large, was elected Vice Chair). Similar certificates have been prepared for Elizabeth Garber (exiting at-large member) and Martin

Blume. A letter of appreciation for Tom Miller's work from Dan Kleppner was read; this generated a hearty round of applause.

The meeting adjourned at 12:45 p.m.

Respectfully submitted,

Cameron Reed

Attachment 1: Secretary-Treasurer's Report, April 2013 (Tom Miller)

1. Membership. As of January 2013, FHP had 3636 members (7.3% of APS), a figure that slowly declines each year by ~35 per year. FHP is second from the bottom in membership among forums. There is opportunity for expansion: most APS members do not belong to any forum at all, even though it's free. The Membership Department says that you have to look at what you offer: popular sessions at meetings, a great website, an interesting newsletter, and outreach activities. Then is the question of how to reach potential members. FIAP has the largest forum membership because previously APS offered little to the large industrial component of APS.

FHP membership consists of: Regular 1419; Life 350; Senior (retired) 683; Junior (postdoc) 133; and Student 1141. FHP has a total of 587 Fellows. The gender breakdown is Male 3106; Female 359; and None 174. [The totals don't add up exactly, but the question wasn't worth pursuing with APS.]

2. Election. In the annual election, 446 people voted online, and I received 14 paper ballots, for a total of 460 voters. Our membership as of January 2013 was 3636, so 12.7% voted in the election. Upon the close of the April APS meeting, the Vice-Chair will be Catherine Westfall (Michigan State University), the new Secretary-Treasurer will be Cameron Reed (Alma College) and the new at-large members of the Executive Committee (three-year terms) will be Diana Buchwald (Caltech) and Richard Staley (University of Wisconsin). Cameron Reed verified the online voting results; the paper ballots would not have changed the outcome, and in any case, mirrored the online voting, as usual.

3. Treasury. FHP has maintained a baseline bank balance of at least \$15,000 as insurance against colossal disasters or mistakes. The FHP account has exceeded that baseline considerably in the past two years following the end of printing and mailing a paper newsletter. APS support for FHP has also increased. FHP intent is to spend the extra money to help invited speakers at FHP sessions who do not have institutional support. Income each year consists of an allocation from the APS 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, student travel grants, or the Physics Heritage Fund). Expenses are mainly travel to EC meetings and sorters meetings and stipends to assist invited speakers with travel expenses. The FHP bank balance is higher than ever this year (\$61,841 as of January 31, 2013). The regular accounts (i.e., not counting the endowment funds or donations) showed the following in 2012:

Income:

FHP share of APS dues, \$20,000.

FHP share of March meeting, \$1,731.

FHP share of April meeting, \$740.

Interest on regular account, \$1,274.

TOTAL INCOME: \$23,745 (same as last year)

Expenses:

Newsletter printing & mailing, \$0.

EC travel March/April meetings, \$8,389.

Pais Prize dinner, \$1,549.

EC lunch, \$886.

Invited speaker expenses, \$7,959.

Oral History Workshops, \$439 food

Oral History Workshops, \$403 audio/visual

Student Travel Grant, \$0 (one \$600 grant for the April meeting, but paid in 2011).

Conference calls, FedEx, \$30.

TOTAL EXPENSES: \$19,655

Last year, the Total Expenses line read \$14,637. The difference is due to annual variation in speaker travel support, the Oral History Workshops, and the special Pais Prize dinner (the latter more than offset by a donation to the endowment for this purpose).

In addition to the regular FHP account tabulated above, FHP has an Endowment Fund initiated a few years ago by a donation from former chair Harry Lustig. Dan Kleppner formed a committee to raise additional money for the endowment – the Physics Heritage Fund – and reports that the total stands at \$70,000 as of March 2013. The fund committee includes Gloria Lubkin and Marty Blume (co-chairs with Dan), Virginia Trimble, Michael Riordan, David Cassidy, and Neal Lane. The interest from the endowment stands at \$7,424 (March 2013). If invited speaker expenses are “normal” in 2013, I recommend adding this money to the endowment. The interest rate on the endowment is higher than on regular accounts.

Budget for 2013. The 2013 income and expenses will be much the same as in 2012, except that I do not yet know a total for invited speaker travel in 2013. EC and speaker expenses are difficult to estimate, but an educated guess is that EC travel (EC meeting, sorters meetings, etc.) will total \$10,000, and speaker travel will also total \$10,000. The staged plays at the March and April meetings cost approximately \$2,500 for actors and director, and there is a yet-unknown cost for audio/visual of as much as \$1,000. The total of these estimates is \$23,500.

We gave out one student travel grant for the April 2012 meeting (paid in late 2011). The student must be presenting a paper in an FHP session, which isn't common. We should remember to urge FHP professors to make known the possibility of FHP student travel support well in advance of the abstract deadlines, to drum up involvement by students. Last year a suggestion was made that we should advertise the grants with organizations such as CHP and HSS.

APS funding of forums. Because of the very different sources of income and needs of different forums, in 2011 APS began giving money *only* to forums that have less than \$50,000 in the bank on January 1 of the year. Those forums get \$20,000 on January 1, and others get none, though special requests are entertained at any time. FHP ended 2012 with \$41,711 in regular accounts (i.e., not counting the endowment), so FHP received \$20,000 on January 1, 2013.

Attachment 2: Draft of Some Possible Symposia Topics, Denver, March 2014, Savannah, April 2014 and perhaps 2015 (Brian Schwartz)

1- Women the War Effort and Historical Preservation of Atomic Sites

Savannah- Suggested Chair, Catherine Westfall

(With Division of Nuclear Physics and Forum on Physics and Society)

- The Girls of Atomic City - The Untold Story of the Women Who Helped Win World War II, Denise Kiernan
- Their Day in the Sun: Women of the Manhattan Project (Labor and Social Change) - Ruth H. Howes or Caroline C. Herzenberg
- History and Preservation of the Savannah River Site -SRS Heritage Foundation
- The Preservation Programs of the Atomic Heritage Foundation -Cindy Kelly

2- Physics and Personal History by Relatives of Accomplished Physicists Savannah -

- **Enrico and Laura Fermi** – Olivia Fermi (granddaughter)
- **Werner Heisenberg** – Jochem Heisenberg (son)
- **Richard Feynman** – Joan Feynman (sister)
- **Edward Teller** – Wendy Teller (daughter)
- **Marie Skłodowska-Curie** - Hélène Langevin-Joliot and Michel Langevin (married grandchildren)

3- History of Science Journalism and Science Communication

(With FOEP) **Denver – Suggested Chair, Gloria Lubkin**

- Progression of Scientific Correspondents from Cheerleaders to Watchdogs, Boyce Rensberger, The Washington Post
<http://www.nature.com/nature/journal/v459/n7250/pdf/4591054a.pdf>
- The Journal Of Science Communication – History, Purpose and Activities
- From William L. Laurence to Science Tuesday – History of Science Communication at The New York Times
- History of Science Journalism –
<http://journalisme-scientifique.podcastmqc.org/en/> Description of a virtual exhibit of five historic periods from 1870 to today. Each era explores the evolution of science journalism and presents leading players in the profession

4- The Role of Science and Technology in the Great War (1914-18)

(With FIAP and FPS) - **Denver**

- The Rise Electromagnetic Communication on the Battlefield
- Poison Gas and Fritz Haber
- The First Rocket Tests in 1914 by Robert H. Goddard

- Advances in Submarines, Tanks, Airplanes and Machine Guns
- German Scientists as Apologists and Einstein's Reaction

5- **Is it a Philosophical or/and a Scientific Question: Why Are We Here?** (With Division of AstroPhysics) **Denver- Suggested Chair, Steven Weinberg**

- Why Does The World Exist- John Holt
- God and Nature – David C. Lindberg
- The Bible, Protestantism and the Rise of Natural Science – Peter Harrison
- A Universe from Nothing: Why There Is Something Rather than Nothing? – Lawrence Krauss

6- **450th Anniversary of the Birth of Galileo in 1564**
Savannah

- Galileo – John L. Heilbron - U Cal Berkeley - Oxford
- Galileo's Daughter – Dava Sobel
- Galileo's Muse: A Tale of Music, Physics, Creativity and Insight- Benjamin Wolff –Hofstra University
http://www.hofstra.edu/home/news/pressreleases/archive/030111_ideasgalileosmus.html
- The Life and Trials of Galileo in Theatrical Productions – Kirsten Shepherd-Barr
Oxford

Possible Plays for Staged Readings in Denver and Savannah

W=S Transistor Shock by Ivan K. Schuller and Adam Smith (William Shockley)

Galileo by Bertolt Brecht

The Physicists by Friedrich Dürrenmatt

Remembering Miss Meitner by Robert Marc Friedman

Uranium and Peaches by Peter Cook & William Lanouette (Leo Szilard)

Background by Lauren Gunderson (Ralph Alpher and the Microwave Background)

Attachment 3: Report from the Nominating Committee, 2012-2013 (Peter Pesic)

The members of the Nominating Committee were:

Noemie Benczer-Koller
Martin Blume, chair
Daniel Kennefick
Ronald E. Mickens, APS Representative
Clayton Gearhart

Early in the committee's deliberations, Martin Blume requested to be excused for personal and medical reasons. As chair of the FHP, Peter Pesic took the place of acting chair of the Nominating Committee. A call for nominations was sent to the FHP membership by Peter Pesic. As a result, we received several nominations. The committee itself generated a considerably larger list, and after a number of email exchanges among the committee members, we selected the following candidates:

Vice Chair:

Paul Halpern
Catherine Westfall

Executive Committee:

Diana Kormos Buchwald
Danian Hu
Richard Staley
Suman Seth

The winners of the election were:

Catherine Westfall, who will become Vice-Chair after the April meeting in Denver, and

Diana Kormos Buchwald and Richard Staley, who will become Members of the Executive Committee after the Denver meeting. To fill the vacancy that will be created by Catherine Westfall's becoming Vice Chair, the Executive Committee unanimously elected Danian Hu for a one-year term beginning after the Denver meeting.

Respectfully submitted,

Peter Pesic, acting chair