

**Minutes of the 2010 Spring Council Meeting
American Crystallographic Association**

Sheraton Four Points Hotel at O'Hare, Chicago, IL - Saturday, April 10th, 2010

Note: Formal motions and action items are highlighted in bold.

The following members were present:

Judy Kelly (President)
Robert Von Dreele (Past President)
Tom Koetzle (Vice-President)
Bernie Santarsiero (Treasurer)
Carrie Wilmot (Secretary)
Jim Britten (Canadian Representative)
Marv Hackert (IUCr Representative)
S. N. Rao (Financial Officer)
Bill Duax (Chief Executive Officer)
Marcia Colquhoun (Administrative Manager)

Call to Order

Kelly called the meeting to order at 8:30 AM. This is the first meeting without Louis Delbaere. However, Marv Hackert was asked to replace Louis on the IUCr Executive Committee by Sine Larsen (IUCr President), and as such is now the IUCr Representative to the ACA Executive Committee. Kelly welcomed Tom Koetzle to the ACA Council as the newly elected Vice-President.

1. Review of current agenda (Kelly)

The agenda was reviewed. No changes were made.

2. Approval of Minutes from Fall 2009 Council Meeting

Minutes accepted as amended.

MOTION: Accept report. (Von Dreele/Santarsiero Unanimous)

3. President's Report (Kelly)

The Assembly of Society Presidents meeting the American Institute of Physics (AIP): Kelly had attended the meeting. There were 4 focus sessions; (1) *Social Networking*. Should the ACA have a Facebook or Twitter web-site? Santarsiero suggested LinkedIn as a way to have a professional presence. A plan for the development of internet-based networking could be a charge for the Communications Standing Committee. Duax suggested that YSSIG should also be involved in the planning, and it was agreed that this was an excellent idea. Wilmot suggested that edited snippets from planned video interviews with Nobel Laureates and other prominent senior crystallographers could be placed on YouTube (with the permission of the crystallographer being interviewed). These interviews will form part of an archive of ACA materials and the history of crystallography in the Americas.

ACTION: Kelly to contact the Communications Committee and YSSIG to develop a social networking plan for the ACA

Kelly recalled the suggestion that the Communications Committee establish an ACA Press Office. This currently had not been set-up. It was felt that having 3 Nobel Laureates speaking at

the 2010 Chicago ACA Annual Meeting would lead to press interest, and an official News Conference could be organized. Duax stated that Tara, who organizes press coverage for the HWMRI, including recent press coverage of Ada Yonath's visit to Buffalo, NY, could be persuaded to help. Colquhoun would book a room for the News Conference.

ACTION: Santarsiero to contact Communications Committee regarding setting up an ACA Press Office

(2) *Scientific Citizenship and Advocacy*. (3) *Scholarly Publishing*. This does not impact the ACA, as it does not have any scientific journals. The round table report can be found at (http://www.aau.edu/policy/scholarly_publishing_roundtable.aspx?id=6894). The White House wants to make all published research funded by Federal tax dollars immediately available to the public free of charge. At the round table there was diverse representation; librarians, profit and non-profit publishers. Duax stated that AIP is highly involved in this discussion as much of their income is linked to journals.

(4) *Engaging Congress and the Prospects for Science*. Some AIP member societies have Fellows Programs that enables scientists to spend a year working for a member of Congress, so they have strong links on Capitol Hill. Koetzle has been involved in lobbying in Washington, and had used AIP resources to do this. He stated that the AIP lobbying people were fantastic.

Fred Dylla, the Executive Director and CEO of AIP, is coming to the 2010 Chicago ACA Annual Meeting to talk about why it is good for societies to be part of the AIP. He will be given 15 minutes of time at the annual ACA Council Meeting to do this. It was felt this was primarily driven by the upcoming 50% increase in membership dues that are paid to AIP by member societies (see Agenda item 14A).

Joint meeting with the Materials Research Society: At the AIP meeting, Kelly was approached about a possible joint meeting with MRS. MRS is much larger than the ACA (ACA is 2nd smallest society in the AIP). Their meetings are twice a year on set dates and alternate between San Francisco in the Spring and Boston in the Fall. There was discomfort amongst the committee following the aborted attempts to have a joint meeting with DXC. Perhaps a joint workshop or scientific session could be organized at an ACA meeting?

ACTION: Kelly to ask the Materials SIG and Continuing Education Standing Committee to investigate the possibility of a joint workshop or scientific session with the MRS as part of an ACA Annual Meeting

Diffuse Scattering and Structure Simulation Workshop: This workshop is being organized by Reinhard Nader and Thomas Proffen, and will take place in Germany in August 2010. The organizers requested ACA financial support to help US students attend the workshop. This was turned down due to limited ACA funds, and it was suggested to the organizers that they apply to the IUCr for support.

2010 Chicago meeting President's Reception: Are there any scientific "presidents" in the Chicago area that should be invited to the ACA President's Reception? Some suggestions were from the upper levels of the Advanced Photon Source (APS)? Politicians? Science Museum Curators, such as the Field Museum? Duax stated HWMRI had formed strong ties with the Buffalo Science Museum, and they were now planning a crystallography exhibit, and perhaps some connection like this could be forged with a museum in Chicago as a consequence of the invitation.

ACTION: Santarsiero to identify possible Chicago attendees to the 2010 President's reception

The Council of Scientific Society Presidents (CSSP) meeting: This will be held in Washington DC, May 1st - 4th, 2010, and Kelly will attend. This meeting is very broad as it covers all scientific endeavors and education from high schools to professional societies. Von Dreele said he had attended these meetings, and was glad Kelly was going. At the time he attended, publishing was a very hot topic. He felt the print to electronic revolution is not being adequately planned for by the scientific community.

MOTION: Accept report. (Wilmot/Britten Unanimous)

4. Secretary's Report (Wilmot)

Wilmot apologized for the lateness of the minutes. She had information on the 2011 ACA Awards, but discussion of this was left for Agenda item 10.

MOTION: (Britten/Santarsiero Unanimous)

5. Canadian Representative Report (Britten)

Lachlan Cranswick: Lachlan Cranswick disappeared on January 18th, 2010. Police have given up the search. He is a member of the Canadian National Committee for Crystallography, the CNCCr's webmaster and newsletter editor. In fact the CNCCr cannot currently access their web-site as only Cranswick had permission to alter it. He is Chair of the IUCr's Commission on Computing and editor of that commission's newsletter. He is on the 2014 Montreal IUCr Congress planning committee. As such he will be very difficult to replace. He was also a session chair for the upcoming ACA Annual Meeting in Chicago. The Program Chair, Ross Angel, has quietly asked someone to step forward in the interim.

Death of Louis Delbaere: Carole Delbaere, Louis' wife, is coming to Chicago for the Delbaere memorial session. It was noted how supportive and proud she was of his many roles within the crystallographic community. Marv Hackert has been asked by the IUCr to replace Delbaere on the Executive Committee, and has agreed to do so. Canadian crystallographers were consulted on this and heartily approved the appointment of Hackert.

Second Chemical Crystallography Workshop (CCW): This will be held at McMaster University May 25th-29th 2010, as a satellite to the Chemical Society of Canada meeting in Toronto. In 2011 the CSC meeting will be in Montreal, and the Université de Montréal has agreed to host the CCW. Financial support has been awarded by the IUCr for international student travel assistance for students outside of Canada. One condition for the award was that the word 'Canadian' was dropped from the title. Students from USA, India, and Nigeria have applied. Crystallographers from outside McMaster, including Chuck Campana from Bruker-AXS, Madison, will be assisting this year. The registration deadline will be extended, since there are still places available. The CNCCr oversees the operation and development of the workshop. Hackert asked how the CNCCr selected members. Britten and Colquhoun stated that they use the Canadian Division ACA membership list (currently ~ 100 members).

8th Canadian Powder Diffraction Workshop: This will take place June 21st-23rd 2010, Pavillon Ringuet, Université du Québec à Trois-Rivières, Québec, Canada. It was organized, as usual, by Cranswick. Pam Whitfield will cover some of Cranswick's lectures.

Canadian Light Source: The Canadian Light Source's Brockhouse Diffraction and Scattering Sector final design (3 independent beamlines) is progressing slowly but surely. The MOU for beamline access is being drafted. Beam team members, industry access, courier service work and peer reviewed academic access have to be balanced.

AECL Chalk River Neutron Diffraction Facility: This is still not online following the discovery of an internal leak.

MOTION: Accept report. (Koetzle/Von Dreele Unanimous)

6. Treasurer's Report (Santarsiero)

AIP Treasurers Society Meeting: Rao and Santarsiero attended. With the recession the main topic had been best practices. What financial strategies were other societies using to weather the storm?

Laptop computers for 2010 Annual Meeting workshops: Apple has agreed to loan the ACA 40 laptops for the Chicago SAD workshop. They don't want to be acknowledged for this generous loan on the ACA web-site due to proprietary issues with use of their logo.

ACTION: Kelly will send a letter of thanks to Apple for the loan of the laptops to the ACA SAD workshop

Through Herb Klei, Santarsiero has asked Bristol-Myers Squibb whether they would be willing to donate laptops to the ACA as they did last year. There will come a point where storage of donated laptops will become a problem. Santarsiero can store them in Chicago for a year until the 2011 New Orleans ACA Annual Meeting. The issue of shipping was also raised. Santarsiero stated that Bruker-AXS had kindly included the laptops in their equipment shipment to the 2009 Toronto meeting. They might be willing to do this again for New Orleans, in which case the laptops would only have to be moved to Madison, WI.

MOTION: Accept report. (Wilmot/Britten Unanimous)

7. Financial Officer's Report (Rao)

Financial report: Rao presented an overview of the current state of the ACA finances. This included Award and Operating funds, both principle and spendable. He also presented the 2009 award recipient outgoings and contributions to each fund, as well as a 1st quarter report for 2010. This included funds for student travel (currently \$10,755) and the Latin America Initiative (currently \$2,612).

Student travel awards: Britten reminded Council that there was a surplus following the 2009 Toronto meeting, and that there had been a general consensus it should be used for student travel. Rao stated it had been put into the general endowment fund, as the number of applications for student travel support varied so much from year to year. The ACA responded to this by trying to support about the same % of students each year (generally around a third of the applications). Originally the funds were distributed such that most applicants got partial support. However, the Continuing Education Standing Committee now oversees student travel awards. They rank the applications and fund about a third of applications based on this ranking. Duax asked how many of the students who did not receive awards came to the ACA meeting under the current scheme compared to when the money was spread across applicants?

ACTION: Colquhoun to provide numbers on student attendance based on the two

models for travel support

Were IUCr travel funds to bring foreign students to the ACA meeting in this pool? Colquhoun and Rao stated that these had to be kept distinct from other funds as strict IUCr guidelines had to be adhered to, and the supported students had to be individually identified and reported to the IUCr. Last year the International Centre for Diffraction Data (ICDD) also provided funds to the ACA to support student travel. This again was tracked separately. For the Chicago meeting there had been ~100 applications. Currently there is \$35,000 allocated for student travel support. Should this be increased? Rao stated that \$500 more could be taken from endowment dividends if it was deemed necessary. Hackert stated that the IUCr was considering reducing travel support to US meetings held at government labs due to difficulties of foreign scientists getting visas. They were advocating for US meetings traditionally held at government labs to be moved to other sites.

Tax return: Rao is currently preparing the 2009 ACA tax return.

MOTION: Accept report. (Wilmot/Santarsiero Unanimous)

8. Executive Officer / Headquarters Report (Duax / Colquhoun)

Budgets: Tables 1 and 2. The 2009 Annual Meeting went over its approved budget by 5% due to the larger numbers attending the meeting than expected. When all the final costs were in, the income over expenses was ~\$58,500. Excluding the Annual Meeting the final costs for 2009 across the ACA was \$31,000 under the approved 2009 budget. The approved 2010 budget represents a 16% increase over the actual 2009 budget; most of this being due to an increase in the approved budget for the 2010 Chicago meeting.

ACA Newsletter, RefleXions: This has operated at a surplus of \$18,500 for 2009 (Table 3).

Annual Meeting: The estimated costs for the 2010 Chicago Meeting are \$467,365, compared to \$362,160 for the actual final costs for the 2009 Toronto Meeting (Table 4).

Membership: Table 5. Although ACA membership was up in 2009 (1,888 *c.f.* 1,767 for 2008), the number of 2008 members who did not renew in 2009 almost doubled (959 *c.f.* 550 in 2008). For 2010 following 2 mailings of dues invoices, there were 1,265 paid members, with 1,191 members from 2009 who had yet to renew. Payment of 2010 dues over the web was favored over mailing (719 to 546 respectively). Wilmot suggested that many students and postdocs become ACA members due to the fact that it reduces registration to the ACA Annual Meeting. If they don't attend the ACA meeting the following year they don't renew their membership. Britten suggested rewarding returning students by making this one of the judged criteria for receiving an ACA travel award. Britten stated that the Canadian crystallographic community was working hard to retain Canadian students who had joined the ACA due to their attendance of the 2009 Toronto meeting, and trying to get them to the 2010 Chicago meeting. Unfortunately the CNCCr does not have funds to offer support, although Canadian students can apply for ACA support. Duax stated that in Europe there are mechanisms to provide travel support to increase the attendance of women and minorities at the European crystallography meetings.

ACTION: Duax to look into sources of travel support based on attaining gender or minority balance

MOTION: Accept report. (Britten/Wilmot Unanimous)

9. Annual Meetings

A. 2010 Chicago Meeting Update

1. *Session update.* Ross Angel had sent a report on the current state of the Program. An official THANK-YOU from Kelly to Angel for his hard work is recorded in the minutes. The session negotiation phase is now in progress. The Etter Award Symposium will accompany the Etter Early Career Award lecture to be given by Ray Trieval (University of Michigan), the recipient of the 2010 award. This is organized by YSSIG, who selects student abstracts for oral presentation. Ryan Jackson, the 2010 Chair of YSSIG, was working with other session Chairs to select abstracts. The session "Structures with high solvent content" (Service and Small Molecule SIGs) only has 3 abstracts, and so is being broadened to "Methods to deal with difficult structural problems" and appropriate abstracts were being reassigned to this session. Two incommensurate sessions have been merged under the title "Incommensurate modulated materials". The vacated half-day due to the merging of these 2 sessions has enabled an evening session "What can our beamlines do for you" to be moved into the daytime schedule. Two other sessions ("Surfaces and interfaces" and "Precipitates and voids") both have small numbers of abstracts, but these should increase as abstracts are reassigned. The Transactions Symposium honoring the memory of Bob Bau (former ACA President) has been augmented by the addition of Larry Favello and Tom Koetzle to help Christina Hoffman in the organization of the Symposium. It was decided to invite Bob's widow Margaret, to the Transactions Symposium. The ACA can provide one night's accommodation and a ticket to the banquet. Koetzle will contact Ross Angel and then Margaret informally. An official invitation letter from Kelly would then be sent. Ray Stevens has started a memorial fund at USC in honor of Bob, and has asked if he can advertise this during the Transactions Symposium. Council decided that it was fine to have the web-link on the screen before the Symposium started and during breaks, as well as have the link on the ACA web-site as an announcement.

In addition, Colquhoun has negotiated a \$40 a night reduction at the conference hotel, if attendees book rooms by April 30th.

2. *Abstracts, registrations.* As of 4/9/10, there were 590 abstracts. This is similar to the 2009 and 2006 meetings, which had over 900 attendees. There are currently 182 registrations. Duax suggested that the ACA allow late abstracts up to a month before the meeting for a small fee, so that last minute "hot" data could be presented as posters. Both the Biophysical Society and the Protein Society do this. These abstracts would not be in the hard copy program, but would be on the CD. This would require more poster boards and space.

ACTION: Duax to look into having last minute posters for the 2011 meeting in New Orleans.

3. *Vendors and donations.* There are 27 exhibitors at this point. Currently there has been almost \$16,000 in donations (normally \$50k). Is this on track? Colquhoun does not track these data. Rao stated that it was important to keep track of what the donations from companies had been used for. He needs these data to fill out 1099 forms for the companies. If he does not have these data the ACA has to pay the tax on the donations. Colquhoun will keep track of this at future meetings. Santarsiero has been lobbying local Chicago companies to persuade them to come to the 2010 Chicago Meeting, partially as he has been purchasing equipment recently. The comment was made that we need to lobby more. Duax promised to lobby vendors at the upcoming Biophysical Society Meeting.

4. *Workshops.* Santarsiero reminded everyone of the unusual workshop model being tried out at the 2010 Annual Meeting. There will be 4 workshops, and 3 will be off-site with attendees being bussed to the sites (2 at UIC and 1 Northwestern). In addition, an unusual out-reach / professional development workshop has been organized by Cora Lind entitled "Crystallography: World of Wonders" for high-school teachers in the Chicago area, and will take place at the conference hotel. Cora has been able to get NSF support so there will be no registration fee, and Santarsiero had arranged for high-school teachers who attend the workshop to receive professional credit. The workshop can accommodate a maximum of 100 attendees. The workshop also includes admission to the plenary lecture on Saturday evening of Venkatraman Ramakrishnan, one of the 2009 Nobel Laureates in Chemistry.

5. *Art festival.* Von Dreele asked about the planned Art Festival for the Chicago meeting. Andrej Joachimiak is the organizer, and planned for it to take place at an Art Gallery. Santarsiero stated says it is still on, but he is not sure how successful it will be. Duax stated that this first arose at the Philadelphia meeting that Irving Geis attended, and there was an exhibition of his artwork. There was another during the IUCr Seattle General Assembly, where artwork was mailed. However it had been a big hassle to ship items such as framed items with glass safely back to their owners. However, both events were very successful.

6. *The US National Committee on Crystallography (USNC/Cr) summer meeting.* The USNC/Cr normally holds its summer meeting on the workshop Saturday. However, they decided to move the meeting to Friday afternoon and evening due to participation in the workshops. However, the ACA Executive Council summer meeting is all day Friday. Three Council members are supposed to be at the USNC/Cr meeting; Kelly, Koetzle and Santarsiero. They had informed the other USNC/Cr members that they would be unable to attend the meeting in the afternoon due to the clash, so requested that the ACA report be placed on the agenda as late as possible.

B. Fund Raising Committee (Duax)

1. *Formation of an ad hoc Development Committee:* Duax gave a history of fund raising by the ACA in support of various initiatives at the Annual Meeting. This year letters were sent out both to specific contacts that the ACA office and Council had in companies, along with advertisers in RefleXions, asking them for financial support. Duax suggested that this should be formalized by the formation of a fund-raising committee. Drake Eggleston had told Duax that he would help in this endeavor, and Duax thought Al Pinkerton might also be persuaded to help out. This would be an *ad hoc* committee, but could eventually become a standing committee if successful. Kelly suggested that a more "modern" title would be Development Committee. Santasiero supported a longer term and broader remit beyond the role of raising money for the Annual Meeting, e.g. award endowments. He said that Local Chairs for each Annual Meeting also conducted fund-raising activities, getting monies mainly from industry (including local) and for student travel. Kelly asked Hackert if the IUCr had a Development Officer, but he thought they did not.

2. *Creation of endowed Chairs honoring crystallographers at universities and institutes:* Duax was also keen to promote and remember crystallographers through the formation of named endowed Chair positions at institutes and universities, such as the recently created William Duax Chair in Crystallography at the Hauptman-Woodward Medical Research Institute. This would involve financially tapping local sources at the site of the Chair. Wilmot felt this was a very different goal from that of raising financial support for direct activities of the ACA. Koetzle worried about raising funds for outside universities. Britten and Hackert thought it would be appropriate to make an announcement stating that the ACA supports the initiative, as the

funding for these Chairs would not be going through the ACA coffers. Kelly suggested a news item on the ACA web-site. Santarsiero and Judy Flippen-Anderson (not present, but views by proxy) supported having a RefleXions news article about the person, and then it could be mentioned that there was a fund that interested parties could donate to (with the appropriate web-link) to help create an endowed Chair. Santarsiero suggested awarding a specific student travel grant named for a well known crystallographer, perhaps for a period of 10 years. He also stated that the ACA should try to form strong ties to different Foundations. Britten and Wilmot felt these types of fund-raising activities should be carried out by a separate committee, as none of the monies would be handled by the ACA. One member could serve on both committees to keep the members aware of the activities of the other committee.

ACTION: Duax will put together a proposal for the formation of two *ad hoc* Development Committees; one to raise funds that directly support activities of the ACA, and the other to look at ways to support endowed Chairs at universities and institutes that are named after a crystallographer.

3. *Tracking donation usage for tax purposes:* From now on Rao needs information on how donation dollars are specifically used so that he can fill out 1099 tax forms for companies that have donated money. If we cannot provide this information the ACA will have to pay tax on the donation. When the funds are ear-marked this is already tracked, but Colquhoun will now start tracking this for general donations, which could be used for the travel of specific students or poster board rental, for example.

C. Future Meetings: Venues, Abstracts, Recording and Archiving Lectures

1. *Future Annual Meeting venues:* Colquhoun reported on how she, Rao and Flippen-Anderson had been scouting future meeting sites. Colquhoun and Rao wanted to stay with Starwood, as this led to \$30,000-40,000 conference savings compared to other hotel chains. The suggestions were 2013 San Juan, Puerto Rico; 2014 San Diego, LA or Phoenix; 2015 Hawaii. The Quebec City Convention Center had contacted Wilmot about being a possible Annual Meeting venue. It was agreed that this would be an excellent choice in the future, and Britten confirmed that they had the exhibition space for an ACA Annual Meeting. However, as the ACA Annual Meeting had just been held in Toronto, and the 2014 IUCr Congress would be in Montreal, it was felt this would not make sense for quite a while. Santarsiero had a problem with the high room rates the ACA was negotiating at the Starwood hotels. Therefore, how much would we lose if we are penalized for not filling the room block due to the high prices? Colquhoun had made sure that 2009 ACA Meeting attendees who had booked cheaper Toronto Sheraton rooms over the web were included in our room block even though they were not booked through the ACA Meeting web-site. Kelly had received feedback that people wanted internet access included in the room price. Colquhoun stated that the Sheraton Hotel offers free Wi-Fi access in the hotel lobby and the ACA provides it in the meeting rooms. Wilmot felt that given the high room rates it should be included. Colquhoun pointed out that the in-room cost was reduced for attendees, and was a relatively small amount *per diem*. At the previous Council Meeting, Denver had been thought of as a great Meeting venue. Von Dreele reminded the Council that the normal July week for the ACA Annual Meeting clashed with the annual Microsoft Conference that essentially booked up all the downtown hotels. Therefore, this was only a viable venue during IUCr years in which the ACA Annual Meeting moves to May. Hackert had stayed at one of the Puerto Rico hotels being proposed as the official hotel for the Meeting. It was great, but very isolated with

nothing within walking distance of the hotel. The Meeting conference center was 2 miles away. Colquhoun stated that the conference center would pay to bus attendees between this hotel and the convention center. There is a Sheraton Hotel across the street from the convention center who has submitted a proposal for sleeping rooms only. Council did not view this as ideal, and Colquhoun stated that she had reservations about Puerto Rico as a venue. It was decided to place this possible venue site on the back-burner until the area around the resort became more developed. It was decided to move the venue of LA, San Diego or Phoenix up to 2013. Due to the 2014 Montreal IUCr Congress, 2014 would be a May Annual Meeting, and so Denver might be considered for that year.

2. *Abstracts selected for talks and multiple abstracts:* Ross Angel, the 2010 Chicago ACA Annual Meeting Program Chair, had raised the issue of what to do regarding the submission of multiple abstracts from the same presenter. Currently this is not allowed, but if an abstract is chosen for a talk then the co-authors present lose out on the chance to discuss their poster with other attendees. This was of particular concern due to the recent rule that was introduced in which at least 40% of session talks had to be selected from the submitted abstracts. Wilmot pointed out the importance of feedback that occurred when students presented their posters in an extended time-slot. Although being selected for a talk was a fantastic opportunity for the student, they missed out on this important experience. The cost of the extra space required for students to present both a poster and a talk was considered too prohibitive. Britten suggested having one hour slots in a video room for students who were chosen to give a talk, at which the student could talk to attendees who were particularly interested in the work. The possibility of poster boards at the back of the room in which the student / postdoc gives their talk, would enable students to talk in more detail with attendees during the break and for a set time following the end of their session. Council thought this was an excellent idea, and the possibility of doing this would be explored. The appointment of a longer term Poster Chair in the form of Vic Young should bring more continuity to the poster sessions and the poster prize judging. Young had already taken on this role in Toronto. It was decided to recommend that multiple abstracts would not be allowed, except when a presenter was invited to give two very different talks in different sessions, e.g. perhaps one on scientific results and another on methodology.

3. *Combining sessions that have too few abstracts:* Santarsiero asked about the logistics of combining sessions with few abstracts. Britten stated that he had done this last year in Toronto, and it worked well. The only issue that arose regarded enhancement awards given to the individual sessions prior to merging. Britten had negotiated with Chairs to reduce the amount they were given, unless invited speakers had already been promised a specific dollar amount, in which case these were honored.

4. *Archiving of ACA materials:* Virginia Pett will be in charge of the historical archiving of ACA materials, which will be stored at the American Institute of Physics (AIP) to which the ACA is a member society. Could lectures be taped and plenary lectures videoed? Santarsiero reminded Council that he was going to see if Transactions and Award lectures could be recorded as a talk with Powerpoint. On-line the Powerpoint slides would be displayed and advanced in conjunction with the presenter's voice. Santarsiero was trying to set this up for New Orleans in 2011. It was pointed out that the permission of the presenters would need to be obtained. Effectively this was already a requirement for Transactions Symposia. Britten asked about the possibility of using this to enable attendees to see lectures they had missed due to clashes. This was not practical as lectures would not be available on-line immediately, and most lectures would not be covered. Colquhoun stated that any historical photos, taped lectures etc. would be a welcome addition to the archive.

ACTION: Colquhoun to e-mail the membership to ask for any photos or other ACA memorabilia that members are willing to donate to the ACA archive.

ACA Awards

A. 2011 Awards

The triennial Patterson & Wood awards will be presented at New Orleans 2011, in addition to the annual Etter Early Career Award.

The winner of the 2011 Wood Award is Dan Nocera, and he will attend the 2011 Annual Meeting banquet, and give a 20 minute after-dinner speech.

The 2011 Etter Early Career Award Committee consists of Radu Custelcean (2008 winner), Svilen Bobev (2009 winner) & Ryan Jackson (YSSIG Chair). The nomination deadline is May 1st 2010. No applications had been received by the ACA office at this time, but this was usual. Winners are normally in their final year of eligibility and so have a strong portfolio of achievement. Four of the 2010 candidates were early within their Assistant Professor appointments. Wilmot (2010 Award Chair) had recently e-mailed the names of these candidates and their nominators to Custelcean.

ACTION: Wilmot to e-mail the Etter Early Career Award Committee to check they are actively looking for candidates

The 2011 Patterson Award nomination deadline is May 1st 2010. The ACA office has already received 2 nomination packets, which is a good number for 3 weeks prior to the deadline.

Supper Award: Giving this award in 2010 was not going to happen, but Council would move forward on the 3 candidates previously identified for a 2011 award. Rao has a verbal promise from Supper that they will give the money for a 2011 award. Rao will contact Steve Nelles to confirm this in the coming week and get back to Council. Kelly will contact the Supper family for a photo of Charles Supper to place on the ACA web-site, after Rao checks with Steve that the money will be forthcoming. Britten suggests contacting Lee Supper anyway to put pressure on Supper if required.

ACTION: Santarsiero will get CVs for the three 2011 Supper candidates and send them to Council

Memorial award: Britten suggested we should have a general Memorial award every 3 years that honors a different ACA member who has died. This would reduce the proliferation of named awards, whilst honoring a highly regarded member. Wilmot suggested it should be an annual award, either a student lecturer (like Etter) or poster award. The abstract would be chosen within the research area of the person whose life was being honored. This would not need to have a money prize associated with it, but for a student it would be an important addition to their CV, whilst reminding others of the lost colleague. Koetzle expressed reservations based on offending people by having a selection process so that some were honored and others not. Wilmot stated that we have memorial sessions for Bau and Delbaere at the 2010 meeting, but a lot of other crystallographers have passed away whom the ACA is not honoring in a similar way. It was stated that the reason Bau and Delbaere were being singled out was because of their significant service to the ACA. Kelly wondered about the ability to advertise the named memorial ahead of time for students to put abstracts in that

would be eligible for the award. Wilmot stated it was not necessary to have a tick box on the registration form as is done with the other poster awards. This could be just like the Etter Student Lecturer awards, where there is no tick box to indicate a person wishes to be considered for the award. Santarsiero would like to see an endowment fund set up for the award. He suggested that the number awarded could mirror the number of people who had died; 9 one year, 4 the next. A \$50-\$100 cash prize or student travel award could be associated with the poster award. Rao felt this was reasonable. He suggested using the \$10,755 student travel fund as the seed for the memorial fund. The memorial award would not be used to honor a member who has a session organized in their name.

ACTION: Britten to put together a proposal for instituting annual Memorial Awards for student posters in the research area of the deceased member being honored

B. ACA Fellows (Santarsiero).

A draft document was presented by Santarsiero for the selection of ACA Fellows. Von Dreele suggested that rather than a initial accelerated ramp, just select 0.5% of membership annually until 5% was reached; the target % for Fellows within the membership. The President would appoint the Chair from the Fellows. Wilmot worried about making sure there was representation across disciplines on the Fellows Committee that ranked candidates, so unintentional bias did not occur. This did not need to be formalized. Von Dreele wanted to keep it simple. He is a Fellow of the Mineralogical Society, and they have very few selection rules, and this system works well. He thought Santarsiero should produce 2 documents; one for the initial year, and a simpler one for after the following year when there are Fellows. It was decided to leave the historical text at the top of the document to provide context as has been done for our named awards. Rao asked if Council makes the final decision or the Fellows Committee. The Fellows Committee will rank, but Council will make the final decision. Hackert suggested the language of selection criteria 4 needed changing as it currently conveys the opposite message. Wilmot was worried about the wording that stated service to the ACA was absolutely required. This gave the impression that the Fellows Program would be an "old boys" network. Koetzle asked whether the ACA would deny making Nobel Laureate's Fellows, which would bring prestige to the ACA, because they had little or no service to the ACA. Wilmot also thought that someone may think of nominating a member, but then not do so because they incorrectly thought they have done no ACA service. Obviously if the candidate is approached then these details would come out. Again Von Dreele stated he felt there should be no absolute rules. Service should be a component of the package, but not a requirement. Von Dreele had never acted in any service capacity to the Mineralogical Society, although he has been a member in good standing for many years, but he presumably was made a Fellow for his widely used software (which could be considered service to the powder community). It was suggested by Hackert and Wilmot that language under the eligibility section of "...demonstrated exceptional contributions in science, technology or the profession, **and** outstanding service to the ACA" could be changed to "...demonstrated exceptional contributions in science, technology, the profession, or outstanding service to the ACA". Santarsiero disagreed with Wilmot and Von Dreele. It was decided to send comments to Santarsiero by e-mail for him to collate.

ACTION: Council to send comments to Santarsiero on the Fellows Program draft document

ACA Reflexions

The ACA Office and the Editors (Judy Flippen Anderson and Connie Rajnak) would like to offer 558 libraries a subscription to ACA RefleXions for an annual cost of \$40 (+ airmail outside of USA). It was hoped this initiative would increase ACA visibility within the scientific community. Colquhoun wanted to check with Council that this was a good idea, as the initial mailing of a sample RefleXions to all the libraries was going to cost ~\$1,200. Santarsiero and Britten wondered whether libraries would want to subscribe as RefleXions is available for free on the ACA web-site. Colquhoun pointed out that the current RefleXions is not posted on the web-site until the next issue is available, i.e. it is a quarter of a year out.

ACTION: Colquhoun will mail a sample copy of RefleXions to libraries with the offer of an annual subscription of \$40 (+ airmail outside of USA)

ACA Summer Schools

The Continuing Education Committee had written a call for proposals that was published in the Fall 2009 issue of RefleXions that detailed what was expected of an ACA Summer School. However, no new proposals for 2011 Summer Schools had resulted from this call. The call for proposals had been very detailed regarding what was required, and Wilmot thought this had probably frightened people away due to it appearing that a final detailed proposal was needed at this stage. She suggested a Letter of Intent that would enable the ACA office and Continuing Education Committee to help a potential organizer put together a full proposal. The only 2010 Summer School would be the Small Molecule Crystallography Summer School run by Charles Lake. There was a real need for a macromolecular X-ray crystallography workshop. Pawel Grochulski is organizing a protein crystallography workshop for this summer at the Canadian Light Source, and it was already over-subscribed. Perhaps the US National Committee on Crystallography (USNC/Cr) could help? Kelly suggested that the Biological Macromolecules SIG should be approached to help. Von Dreele suggested that all SIG Chairs should be e-mailed before the Annual Meeting so they could canvas the SIG membership both before and at their SIG meeting for ideas (and even identify possible organizers). They could then bring suggestions to their lunch with Council during the Annual Meeting.

ACTION: Kelly to e-mail all SIG Chairs prior to the Annual Meeting to ask them to bring to their membership a call for ideas for ACA Summer Schools.

SIGS and Committees

A. Changing SIG Name and Guidelines

A proposal had been drafted to change the name Special Interest Group to Scientific Interest Group, along with streamlined guidelines and specific responsibilities expected of the SIG Chair.

MOTION: Change the title of Special Interest Groups to Scientific Interest Groups. (Wilmot/Santarsiero Unanimous)

Kelly asked Duax whether he had moved forward on bringing European Officers equivalent to our SIG Officers to our Annual Meeting to help the SIGs come up with ideas to reorganize. Perhaps they could help run sessions? Duax replied that he had not. The possibility of forming an Electron Diffraction SIG was brought up. They are as large a community as that of X-ray. However, this had been tried before and failed. Two full days of electron diffraction talks had been organized to attract participants from the field to an ACA Annual Meeting, and a SIG had been formed, but there was little interest from the community to come to subsequent ACA meetings. Von Dreele pointed out that this strategy

however had worked in forming Powder SIG. Von Dreele suggested Fluorescence also as a possible SIG. He suggested offering a session in new areas where SIGs might be formed, and then getting the >30 attendees to sign a petition to form the SIG. Duax felt that a minimum of 2 full days of sessions (i.e. 4) was required. This had worked initially for Amorphous Materials, but then they had been lost when the two sessions they organized one year had come at the start and end of the week. In Seattle the High-Pressure community had 4 full days of talks, and this had been very successful. Could the European Officers in target SIG areas be brought in to organize a session? Perhaps we could get help from the IUCr if they have a Commission in an ACA target area that currently does not have a SIG? Kelly and Von Dreele suggested that before the Friday planning meeting for the 2011 ACA Annual Meeting some sessions are set aside for Council to use to attract target communities that currently do not attend ACA Meetings. It was decided 2011 might be too early to test new SIG ideas, so the target will be Boston, 2012. Britten pointed out that the two-day JANA workshop at the 2009 Meeting had been very successful, and this year there was a session on aperiodic materials. Service SIG is currently trying to identify non-traditional groups relevant to the ACA, and they could be a source of information. Wilmot felt 3-4 full days would be needed to attract the target community to attend an ACA Annual Meeting. Presumably the community did not find the current ACA sessions very relevant to them (even if they are) and so would not want to pay all the associated travel and hotel costs for anything less than 2 full days. Koetzle suggested identifying one key person in the field and getting them to help. Hackert felt that if two or more sessions are set aside these need to already be set up with a title and Chair prior to the planning meeting. Kelly stated that more information was needed for Council to identify possible new SIG areas. The IUCr has 19-20 Commissions (c.f. 12 ACA SIGs) and the data on European Interest Groups was also needed.

ACTION: Duax and Hackert to put together data on European Crystallographic Association (ECA) interest groups and IUCr Commissions respectively.

ACA SIGs should be consulted at the upcoming 2010 Annual Meeting. The best chance for forming a new SIG would be if the areas are natural extensions of a current community within the ACA. It was agreed that the ACA would try to seed a new SIG at the 2012 Annual Meeting in Boston. Could we run one extra parallel session to enable significant meeting content for the new area, whilst retaining the usual number of session slots for the other SIGs? Santarsiero thought that this might effectively end up as a separate scientific meeting. Von Dreele emphasized the need for the inclusion of collaborative sessions. Duax suggested trying to get everyone together at the 2011 IUCr Congress in Madrid to help identify areas that the ACA should support.

ACTION: Kelly to e-mail all SIG Chairs to ask their help in identifying underrepresented and new scientific growth areas that the ACA should be supporting.

B. Committees

There is frustration with the *Data, Standards and Computing* and *Communications* committees. No representative from either Committee had come to the Council lunch at the last Annual Meeting or produced an annual report. Alice Vrelink, who is now based in Australia, has stepped down as Chair of the Communications Committee, and Kelly has asked Allen Oliver to become Chair.

Data, Standards and Computing Committee. As data standards are now set internationally, it was felt that the major mission of this Committee was no longer relevant, and so we should consider disbanding it unless a new mission could be formulated. This would require an amendment to the ACA by-laws, as the current three standing committees are named. Von Dreele thought that the loss of software developers could be a focus for the Committee. Wilmot agreed that this was a real worry in the field, but asked what charge could be given to the Committee that would help counter this trend. Cora Lind and John Rose who are recent appointees might have ideas for a new charge. They should look at the IUCr Commission on Crystallographic Computing to get ideas. The Committee can then report to Council at the 2010 Annual Meeting lunch on whether a standing committee is required in this area, and if so what should be their focus. It was decided that if this Committee was no longer needed, this would be proposed at the 2010 ACA Business Meeting, and if approved the by-law amendment would be included in the next ballot to members. Santarsiero suggested making the **Finance Committee** a standing committee at the same time, as it is currently *ad hoc*. This was thought to be a good idea as this Committee is very active. Kelly asked whether the proposed **Development Committee** should be a standing committee. Hackert felt it should not be made a standing committee until there is feedback that it works. It was agreed that the proposed Development Committee would initially be *ad hoc*.

MOTION: Kelly to send a letter to the current **Data, Standards and Computing Committee** and ask them whether there is a need for this committee. If there is what their new focus should be. A table of the IUCr Commissions and ECA interest groups would be included. (Santarsiero/Wilmot Unanimous)

Communications Committee. There are things for the Communications Committee to do in the areas of writing and providing information for outreach and promoting the ACA. The ACA Secretary should charge them with these types of assignments. They could be responsible for organizing a press conference at the 2010 Chicago Annual Meeting due to the presence of the three Nobel Laureates, arrange for the taping of lectures, checking that adequately annotated Transactions powerpoint presentations are provided etc.

MOTION: Santarsiero to put together an action list for the Communications Committee to do for the 2010 ACA Annual Meeting in Chicago.

Website: The CDCC is interested in paying for an advert on the ACA web-site. Santarsiero to draft a response.

Other Organizations

A. American Institute of Physics (AIP)

Membership dues increase: The ACA is a member society of the AIP and pays dues per ACA member. The AIP advocates for physics, produces *Physics Today* magazine and the ACA contracts them to organize our exhibitors at ACA Annual Meetings. ACA dues are estimated to increase from \$11,408 in 2009 to \$12,146 in 2010. However in 2011 ACA's membership in the AIP will increase to ~\$18,000 (\$6 to \$9 per ACA member). It was noted that the AIP dues per ACA member was the same for students as for regular members, and therefore the upcoming increase in AIP dues was a much higher percentage of ACA student dues, which are only \$25 *per annum* (regular \$100 *per annum*). Council wondered if the AIP

would give the ACA a break on AIP student dues. This was thought unlikely as the major outlay for AIP was the cost of producing and mailing *Physics Today*.

Approval to ship archival ACA material to AIP: ACA archival material would be transferred to electronic storage at AIP, although the electronic transfer will take many years. Kelly mentioned that AIP headquarters has glass display cases. These are about 1 foot deep, and display items of interest from member societies. Currently there is plenty of empty space in the cabinets, and Kelly suggested sending some structural models from the ACA for display. It was suggested that a historic time-line of protein models from hand-made to current laser etched glass blocks could be assembled. Hackert said he had a balsam wood model that could be used. He will take a photo of it to send to Council to see if it was suitable.

MOTION: To ship ACA archival and historical material to AIP for electronic transfer and storage. (Wilmot/Santarsiero Unanimous)

B. USNC/Cr Meeting report (Kelly)

Kelly presented a report on the December 12th 2009 USNC/Cr meeting at which Kelly, Von Dreele and Santarsiero officially represented the ACA.

Cora Lind and Joe Ng reported on the Education Session held at the 2009 ACA Annual Meeting in Toronto. One or two undergraduates will attend ACA Summer Schools with airfares funded by the ACA and Bruker. Lind also updated the USNC/Cr on the 2010 K-12 Teachers Workshop she has organized as part of the 2010 ACA Annual Meeting in Chicago. This workshop is strongly supported by the USNC/Cr. Santarsiero and Andrzej Joachimiak (SBC/CAT, Advanced Photon Source, Argonne National Labs) reported on the 2010 Art Exhibit planned for the ACA Chicago meeting.

There was a discussion of the 2006 white paper ***Crystallography Education Policies for the Physical and Life Sciences: Sustaining the Science of Molecular Structure in the 21st Century*** developed by the USNC/Cr in collaboration with the ACA, at a workshop following the 2005 ACA Annual Meeting. The policy document explores how crystallography fits into the undergraduate curriculum for different disciplines, and steps that can be taken to engage K-12 students in the field. It was noted that the document needs updating, but what type of official report to be issued in its place was the focus of discussion. A committee was formed to work toward a Workshop Summary or a Workshop Report in collaboration with the American Chemical Society for great impact.

The ACA Small Molecule Crystallography course organized by Charles Lake was discussed, and support in the amount of \$5,000 was approved for the 2010 course.

USNC/Cr subcommittees then presented reports (Education and Workforce Issues; Research Resources; Crystallographic Databases; Interdisciplinary Subcommittees: International Centre for Diffraction Data, American Association for Crystal Growth Committee, Microscopy Society of America, and Neutron Scattering Society of America).

C. Marv Hackert's appointment to IUCr Executive Committee

The Hackert appointment follows the untimely passing of Louis Delbaere. This is a bitter-sweet moment but congratulations were offered from all present.

The appointment was approved by the IUCr President, Sine Larsen, late January. Since then there had been no IUCr Executive Committee meeting to attend, but Hackert had been invited by Larsen to attend an IUCr sub-committee meeting in Germany in August. Although Hackert does not serve on this sub-committee, Larsen felt this would enable him to ease into the appointment. The next full meeting of the IUCr Executive Committee is in the Fall in

South Korea. Hackert had already taken part in various e-mail exchanges on different topics. One of these is that the IUCr is concerned about international meetings being held at US National Labs and the problems associated with getting visas. The IUCr wanted this fact brought to conference organizers to encourage them not to hold meetings at these higher security sites. The IUCr was also considering not providing student travel grants to meetings held at these sites. Council felt this should be taken to the USNC/Cr. Hackert will serve on the IUCr Statutes and By-Laws sub-committee. Commissions attend sub-committee meetings to answer questions if so requested. The process of voting at Congress was tedious and antiquated. The initial rounds of candidate selection tended to not reach the required numbers to move forward, and so multiple rounds where the bottom candidate was dropped were carried out to reach a majority. The ballot was conducted on paper, and the tallies were generated by counting by hand. Thus, there was the suggestion that the paper ballot be replaced by electronic voting, perhaps clickers or via laptops. Currently the votes of each ballot round were announced to the Congress. Should the actual number of votes for each candidate be secret? Another hot topic currently before the sub-committee was the roles played by regional associates (Australasia, Europe/Africa and the Americas) in the governance of the IUCr. Six Ordinary Officers serve on the IUCr Executive Committee. One of these is from the next IUCr Congress host country. Hackert supports having representation from each of the regions on the Executive Committee, i.e. three of the Ordinary Officer positions. Each of the regions could appoint their representative. The other two positions could be members-at-large selected during Congress. Another question was whether terms should be for 6 years rather than the current 3 years [Officers are allowed a maximum of two terms in office]. This would mean that at each Congress (every 3 years) three new Ordinary Officers would be appointed, with three continuing. National congress members already have 6 year terms. This would also enable the location of the Congress to be made firm 6 years in advance rather than the current 3 years. This had led to the problems experienced by the 2014 Montreal IUCr Congress organizers, where the venue had to be booked more than 3 years in advance, and required an emergency vote by Congress. This lead time is normal in the organization of large meetings, and so this situation would occur over and over again. All these ideas will mean changes in the by-laws, which require a 2/3rds majority vote by Congress. Therefore, knowledge that there is broad support for the changes is needed in advance of the vote. Von Dreele stated that most crystallographers do not have strong affiliations at the regional level, but at the national level. For example, who would vote in Asia? Thus, each region would need to sort out their process for selecting someone to serve. Wilmot emphasized that changes of this sort would need support from Asia and Europe. Ted Baker (Chair of the IUCr Statutes and By-Laws sub-committee) asks that the ACA make comments on these ideas.

D. CSSP - membership request and May 1st-4th, 2010 meeting invitation

This topic was covered in the President's Report (see agenda item 3).

E. Uruguay International School on Fundamental Crystallography Meeting support request (Duax)

The School will be held in Montevideo and organized by Leo Suescum. They already have \$4,000 of IUCr support and expect to have 30-40 students from abroad and 5-10 local students. Some of the Professors would be international. If supported by the ACA, they are willing to provide a final report and feedback from students to the ACA. Wilmot stated that the ACA should support, as we represent interests beyond the borders of the US throughout the Americas. The support will come from the Latin America Initiative Fund.

MOTION: The ACA will give \$1,000 to support student travel to the Uruguay

International School on Fundamental Crystallography Meeting, as well as membership to the ACA for the students supported. (Koetzle/Britten Unanimous)

ACTION: Rao to write a check. Duax will draft the letter and Kelly will sign.

F. North African Crystallographic Assn. (Kelly, Duax)

The first meeting of this organization is going to take place in Casablanca, Morocco over the Thanksgiving weekend. They have invited Kelly to be a member of the International Scientific Committee and to give a talk at the meeting. Kelly wanted to consult Council on using ACA funds to support a trip of this kind outside of the Americas. Duax stated that the expenses in Morocco would be covered, so it would only be the cost of the flight. Looking over the speaker list it included many Presidents of other crystallographic societies, such as the IUCr, ECA and BCA, so it seemed very appropriate to have the ACA President support the meeting. Council agrees that Kelly should attend the meeting.

New Business

None.

Old Business

Mexican students to speak at ACA: Albert Berghuis (McGill University) is collaborating with Mexican scientists to support X-ray crystallography in Mexico, and has been involved in crystallography workshops in Mexico. He is writing a grant application to fund these outreach programs, and would like the ACA's support to bring Mexican students to an ACA meeting to speak on their research. Council enthusiastically agreed that the ACA should support the grant application. Kelly asked whether we could help financially by providing money from the Latin America Initiative fund to help defray the students travel expenses to the ACA meeting. This was thought probable, but no specific dollar amount was suggested at this stage.

Nominations for the Canadian Representative on the ACA Council: Hackert asked if the ACA nominations committee had to find candidates for this position on Council. Britten stated that this was not required, as the Canadian Division of the ACA alone appoints this Council position.

Old business from the Fall Council Meeting: Kelly asked Wilmot to e-mail a list of "actions" from the Fall Council meeting that had not been completed.

Future Council Meetings

A. Summer 2010. Sheraton Chicago Hotel and Towers, Chicago, IL on Friday, July 23rd 2010.

B. Fall 2010. Kelly suggested holding the meeting in her home town of Portland, Maine. Air Tran and Jetblue (not on expedia) fly directly into Portland. The drive from Logan Airport, Boston, was ~2 hours.

Adjournment

MOTION: Adjourn meeting. (Unanimous) Meeting adjourned at 3:01 PM.

Summary of Action Items and Motions of the 2010 Spring Council Meeting American Crystallographic Association

President's Report (Kelly)

- ACTION:** Kelly to contact the Communications Committee and YSSIG to develop a social networking plan for the ACA
- ACTION:** Santarsiero to contact Communications Committee regarding setting up an ACA Press Office
- ACTION:** Kelly to ask the Materials SIG and Continuing Education Standing Committee to investigate the possibility of a joint workshop or scientific session with the MRS as part of an ACA Annual Meeting
- ACTION:** Santarsiero to identify possible Chicago attendees to the 2010 President's reception

Treasurer's Report (Santarsiero)

- ACTION:** Kelly will send a letter of thanks to Apple for the loan of the laptops to the ACA SAD workshop

Financial Officer's Report (Rao)

- ACTION:** Colquhoun to provide numbers on student attendance based on the two models for travel support

Executive Officer / Headquarters Report (Duax / Colquhoun)

- ACTION:** Duax to look into sources of travel support based on attaining gender or minority balance

Annual Meetings

- ACTION:** Duax to look into having last minute posters for the 2011 meeting in New Orleans.
- ACTION:** Duax will put together a proposal for the formation of two *ad hoc* Development Committees; one to raise funds that directly support activities of the ACA, and the other to look at ways to support endowed Chairs at universities and institutes that are named after a crystallographer.
- ACTION:** Colquhoun to e-mail the membership to ask for any photos or other ACA memorabilia that members are willing to donate to the ACA archive.

ACA Awards

- ACTION:** Wilmot to e-mail all Etter Early Career Award Committee to check they are actively looking for candidates

- ACTION:** Santarsiero will get CVs for the three 2011 Supper candidates and send to Council
- ACTION:** Britten to put together a proposal for instituting annual Memorial Awards for student posters in the research area of the deceased member being honored
- ACTION:** Council to send comments to Santarsiero on the Fellows Program draft document

ACA RefleXions

- ACTION:** Colquhoun will mail a sample copy of RefleXions to libraries with the offer of an annual subscription of \$40 (+ airmail outside of USA)

ACA Summer Schools

- ACTION:** Kelly to e-mail all SIG Chairs prior to the Annual Meeting to ask them to bring to their membership a call for ideas for ACA Summer Schools.

SIGS and Committees

- MOTION:** Change the title of Special Interest Groups to Scientific Interest Groups. (Wilmot/Santarsiero Unanimous)
- ACTION:** Duax and Hackert to put together data on European Crystallographic Association (ECA) interest groups and IUCr Commissions respectively.
- ACTION:** Kelly to e-mail all SIG Chairs to ask their help in identifying underrepresented and new scientific growth areas that the ACA should be supporting.
- MOTION:** Kelly to send a letter to the current *Data, Standards and Computing Committee* and ask them whether there is a need for this committee. If there is what their new focus should be. A table of the IUCr Commissions and ECA interest groups would be included. (Santarsiero/Wilmot Unanimous)
- MOTION:** Santarsiero to put together an action list for the Communications Committee to do for the 2010 ACA Annual Meeting in Chicago.

Other organizations (American Institute of Physics)

- MOTION:** To ship ACA archival and historical material to AIP for electronic transfer and storage. (Wilmot/Santarsiero Unanimous)

Other organizations (Uruguay Internat. School on Fundamental Crystallography Meeting)

- MOTION:** The ACA will give \$1,000 to support student travel to the Uruguay International School on Fundamental Crystallography Meeting, as well as membership to the ACA for the students supported. (Koetzle/Britten)

Unanimous)

ACTION: Rao to write a check. Duax will draft the letter and Kelly will sign.