

**Minutes of the 2011 Summer Council Meeting**  
**American Crystallographic Association**  
Sheraton Hotel, New Orleans - Friday, May 27<sup>th</sup>, 2011

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

The following members were present:

Tom Koetzle (President)  
Judy Kelly (Past President)  
Carrie Wilmot (Secretary)  
David Rose (Canadian Representative)  
Marv Hackert (IUCr Representative)  
Jamaine Davis (YSSIG Representative)  
S. N. Rao (Financial Officer)  
Bill Duax (Chief Executive Officer)  
Marcia Colquhoun (Administrative Manager)

**Call to Order**

Koetzle called the meeting to order at 8:45 AM. Koetzle welcomed new Council members George Phillips (Vice-President, absent), David Rose and Jamaine Davis. Davis was representing the Young Scientists Scientific Interest Group (YSSIG) - a new *ex officio* position on the ACA Executive Council.

**Agenda item 1: Review of current agenda (Koetzle)**

The agenda was reviewed. Two additional agenda items were added; IUCr Representative Report and Young Scientist Scientific Interest Group Report were inserted prior to the Executive Officer / Headquarters Report (agenda item 7).

**Agenda item 2: Approval of Minutes from Fall 2010 Council Meeting**

Kelly and Koetzle identified some errors in the minutes which were corrected.

**MOTION: To accept the amended minutes (Kelly/Rose; Unanimous)**

**Agenda item 3: President's Report (Koetzle)**

*ACA Awards:* The 2012 M. J. Buerger Award winner is Professor John H. C. Spence of Arizona State University. The Buerger Award Committee (Larry Falvello, George De Titta, Mike James, and John Parise) unanimously chose Spence from among four outstanding nominees. Koetzle had notified Spence of his award. Spence has expressed his deep appreciation to ACA and has stated that he plans to attend the Boston Meeting to accept the award and to deliver his award address.

Council selected Dr. Ron Hamlin (Area Detector Systems Corp.) to receive the 2012 Charles E. Supper Instrumentation Award. Koetzle had notified Hamlin, who has responded enthusiastically and had already e-mailed Koetzle his initial ideas for his talk in Boston. One suggestion was to include entrepreneurial information on starting up a company. Hamlin was chosen from among four outstanding nominees by an e-mail vote of the Council.

Additional information on ACA Awards is discussed under Agenda Item 10.

*ACA Summer Course:* Council has awarded the ACA Summer Course in Small Molecule Crystallography for 2012-2015 to the University of Notre Dame and Northwestern University. Koetzle had notified the organizers (Allen Oliver of Notre Dame and Amy Sarjeant of

Northwestern), who have expressed their appreciation for the confidence that ACA has shown in them. Council's decision to award the Summer Course to the group at Notre Dame and Northwestern was based on the unanimous recommendation of the Continuing Education Committee. Accordingly, 2011 will mark the final year of our agreement for the Summer Course at Indiana University of Pennsylvania (IUP). Koetzle had contacted Charles Lake at IUP and expressed to Charles the ACA's appreciation to him and to his IUP team for their excellent work on the Summer Course over many years.

*Meetings Attended:* On March 30, 2011, Koetzle attended the AIP's annual Assembly of Society Officers, which was held at the AIP headquarters in College Park, MD. He was joined at the Assembly by Judy Flippen-Anderson, who is the ACA's representative on the AIP Governing Board. The day's discussion highlighted a number of topics of mutual interest to AIP's member and affiliated societies. These included strategies for improving scientific literacy and, more generally, for enabling effective public communication, which has never been more important than in the present extremely challenging budgetary environment. In talking with officers of other societies, Koetzle learned that a number of them had taken steps comparable to the initiative at ACA to encourage the involvement of ACA's younger members, under which the Chair of YSSIG, Jamaine Davis, had joined the ACA Council as an *ex officio*, non-voting member. It was hoped this would enable the ACA to interactively engage younger scientists and make them a prominent part of the ACA. Davis stated that the YSSIG had set up an ACA YSSIG LinkedIn social networking internet site that is profession based. Davis had advertised its presence on outlets such as the CCP4 Bulletin Board. This had garnered a lot of interest, including connecting the ACA YSSIG with the British Crystallographic Association's young scientists group. Colquhoun stated that interactive electronic sites were very effective - the ACA site for finding a room mate for the ACA Annual Meeting had worked extremely well. Davis stated that young members were motivated by career opportunities and jobs. Rose stated that there used to be a virtual interview room at LinkedIn. Could LinkedIn be used to connect young scientists looking for positions to employers, such as Principal Investigators (PIs)? In particular could it be used to set up face-to-face meetings between young scientists and PIs who were attending the ACA Annual Meeting, not just for jobs but also for mentoring? Could available positions be communicated prior to the Annual Meeting to student and postdoc attendees, who could then set up meetings with employers, either via LinkedIn or by e-mail? Duax stated that his recent graduate student had received a number of job offers through connections and meeting opportunities found on the internet without sending in a single traditional job application.

**ACTION: Davis and Rose to investigate how to use LinkedIn effectively to help young scientists explore career opportunities**

Davis stated that last year's orientation session for young scientists on the first night of the meeting had made a real impact on young scientist engagement. At the 2011 orientation Davis will tell attendees to go up to established PIs and Council members and speak with them. Council liked this initiative, and decided to attend the orientation this year to introduce themselves and encourage direct communication between young scientists and more established figures within the crystallographic community. There were now many young scientists wanting to get involved, and not enough YSSIG positions. Kelly stated that YSSIG members should be encouraged to attend other relevant SIG meetings and volunteer to co-Chair sessions at the next meeting.

Judy Flippen-Anderson had discussed the possibility of launching an ACA journal through American Institute of Physics publishing. Colquhoun stated that this would be revenue neutral, but lead to greater exposure for the ACA and thus attract more members. Wilmot and

Kelly summarized discussions from a previous Council meeting on this topic. How would the ACA manage to carve a unique niche not currently filled by an IUCr journal? In the absence of a specific niche the significant resources and commitment required to set this up and identify an Editor appeared unjustified. The journal would need to be electronic, like *Acta Cryst F* and ACA Transactions.

Duax stated that use of the AIP "Discoveries and Breakthroughs Inside Science" on-line reporting that highlights high impact science for a set fee had worked extremely well. ACA supplied stories had been picked up by the press, thus raising the ACA profile. Koetzle suggested inviting Bob Harrington and John Haynes from AIP Publishing to come to the Fall ACA Council Meeting.

On May 5-7, 2011, Koetzle attended the semi-annual Council of Scientific Society Presidents (CSSP) in Washington, DC (~60 different Scientific Societies). Kelly, who currently serves on the CSSP Board, also attended. The Council provides a unique forum for discussing issues of concern with a broad spectrum of leaders in the scientific community and also serves as a focal point for articulating policy positions and providing advice on science policy to members of the U. S. Congress and of the Executive Branch. Topics discussed at this May's CSSP meeting included visa and immigration policy, innovative techniques in Science, Technology, Engineering, and Mathematics (STEM) education, and initiatives at the U. S. Patent and Trademark Office in response to the changing 21<sup>st</sup> century intellectual property landscape. Dr. Carl Wieman, currently at the U. S. Office of Science and Technology Policy, was honored by CSSP and gave an inspiring talk based on his group's ground-breaking research on improving learning outcomes in a large-enrollment first-year undergraduate physics course at the University of British Columbia (see *Science* **2011**, 32, 862-864). Also, Dr. Ted Hodapp, a Director of Education and Outreach of the American Physical Society (APS), described APS's extremely successful Workshop for New Physics and Astronomy Faculty, which emphasizes many of the same techniques. University departments nominate untenured faculty, and the only cost to the Department is for transportation. This initiative has been highly successful in leading to effective teaching. Koetzle wondered if the ACA could organize a meeting session on teaching techniques at the 2012 Boston ACA Annual Meeting. Rose stated that he knew of an inspiring Harvard Physics Professor who would be appropriate (Eric Mazur). Koetzle also wondered about investigating on-line teaching tools (e.g. those of Roberta Day), and Kelly suggested Peter Mueller (MIT and 2012 Local Chair) would be enthusiastic regarding including teaching in the 2012 Boston Meeting.

Koetzle stated that the CSSP was greatly concerned about the low number of H1B visas available annually to bring highly skilled workers into the USA. CSSP had articulated this view, which is in agreement with the position of many employers in the private sector that there are not enough Americans with the level of technical skills required to keep the US competitive.

**MOTION: Accept report (Wilmot/Kelly; Unanimous)**

#### **Agenda item 4: Secretary's Report (Wilmot)**

*ACA minutes:* The minutes of the 2010 Summer Council Meeting were not currently up on the ACA web-site. Wilmot had produced an edited version of the 2010 Fall Council Meeting minutes for RefleXions.

*Awards:* The 2012 Supper Instrumentation (Ron Hamlin, ADSC), Warren Diffraction Physics (Paul Fenter, Argonne National Labs), Buerger (John Spence, Arizona State University) and Public Service awards will be presented in Boston 2012, in addition to the annual Etter Early Career Award (currently 1 nominee).

**ACTION: Davis, Wilmot and Etter Committee members to proactively identify further competitive candidates for the 2012 Etter Early Career Award**

See agenda item 11 for further discussion of awards.

**MOTION: Accept report (Kelly/Koetzle; Unanimous)**

#### **Agenda item 5: Canadian Representative Report (Rose)**

1. In preparation for the IUCr Congress, the Canadian National Committee is nominating Hanna Dabkowska (McMaster U.) for the Executive Committee and is seeking support from 6 delegates to the GA. Canadian delegates will be identified by the CNC before mid-June. A teleconference is being scheduled. The CNC has awarded Larry Calvert Memorial Travel studentships for the IUCr Congress to Konstantin Popovic, Stephen Campbell and Carle Protsko.

Current membership of the CNC is: Jim Britten (Chair), Pam Whitfield (Vice-Chair), Joe Schrag (Secretary), Marie Fraser (Treasurer), Stan Cameron, Lee Groat, David Rose (*ex-officio*).

2. The Website for the 2014 IUCr Congress in Montreal (August 5-12, 2014) is due to be launched in July, 2011 at <http://www.iucr2014.com/>.

3. On May 2nd, the Federal election resulted in the Conservative Party again capturing the most votes (just under 40%) but that was sufficient (due to the nature of a Parliamentary system) to win a majority of the seats in the House of Commons (167 out of 304) and the right to form the government. The more surprising results were those of the other parties. The traditional opposition, the centrist Liberal Party, ended up in third place, while the leftist New Democratic Party (NDP) will form the new official opposition with 102 seats. Much of the NDP gain resulted from a major collapse in the separatist Bloc Quebecois, which was reduced to only 4 seats. Thus, it would seem that any potential movement towards Quebec separation is unlikely before the 2014 IUCr. What does this mean for support for crystallographic research through either NSERC or CIHR, both of which have reached record lows in success rates? As elsewhere, the trend recently has been the targeting of government research funding to specific outcomes (such as partnerships with companies), to big science projects, to infrastructure, or to elite personnel programs at all levels (student, post-doc and Faculty). As there is no longer any scientific advisor to the Prime Minister, input from the funding bodies, the scientific societies and the grass-roots scientists is very limited. With a continued Conservative government, these policies are likely to continue. However, we can only hope that, with a majority in parliament, the government might be more open to a longer-term outlook towards understanding the role of basic research in the future economic development and international stature of the country. Kelly asked if the ACA could lobby in any way to help the situation. Rose felt this would achieve little.

4. The Canadian Division will be engaged in ideas to increase Canadian participation at ACA meetings. The initiative, started a couple of years ago, to identify sessions for the CanDiv to formally co-sponsor with a SIG (through having a co-session Chair) could be made more visible. A four-day meeting could have some effect. Also, having the meeting in Toronto in 2010 generated more interest/attention in the Canadian community. Perhaps a future meeting site in Canada might be considered.

Rose wants to try and get more Canadian crystallographers to make the ACA Annual Meeting a "must attend" annual event. He stated that there were several structural biology tenure track faculty positions recently filled in Canada.

**MOTION: Accept report (Kelly/Wilmot; Unanimous)**

#### **Agenda item 6: Financial Officer's Report (Rao)**

Rao presented the finances of the ACA. There is ~\$429,000 in endowed funds managed by the ACA, the interest from which supports the ACA Awards. The endowments are completely restricted in that the principal in those accounts cannot be touched. There are ~\$227,000 in reserve operating funds that are in a variety of multi-year vehicles to maximize interest. Rao wants to build this to 1 year of ACA operating costs to protect the ACA from any future financial difficulties. At the current rate of growth, this target will be reached in ~7 years. There are \$117,000 invested that can be accessed immediately as required. These three numbers (award endowments, restricted reserve operating funds, unrestricted operating funds) were the most useful in understanding the overall investments of the ACA. Finally, there are bank accounts from which the ACA office pays immediate operating expenses including the Annual Meeting. Despite the significant cash flow, the ACA operates almost revenue neutral, with income and outgoings leading to a surplus of \$14,000 in 2010, primarily due to the office being shorthanded for a time due to Jen Shephard leaving.

The question of whether the elected ACA Treasurer position was required in addition to the Chief Financial Officer (CFO) was raised. The Finance Committee, which met the day prior, suggested everything could be handled by the ACA office in Buffalo and the CFO. Following the resignation of Bernie Santarsiero, Rao had taken on Santarsiero's financial responsibilities of the ACA, and it had been agreed that Rao would continue in this dual role until the end of the current Treasurer's elected term (Dec 2012). Hackert asked whether the Treasurer position was needed for cross-training, to serve as a back-up to Rao, and to train future possible CFO candidates (Rao had become CFO after many years as ACA Treasurer). Rao stated that he was training the ACA office to carry out day-to-day tasks, keeping records and tax forms, and when Rao eventually stepped down as CFO he felt that the ACA investments would be better managed in the future by professional managers who charge a fixed (low) management fee, such as TIAA-CREF whose management fees are often ~1%. Hackert stated that this had worked well for the USNCCr. Rao also reminded Council that the ACA finances undergo an independent audit annually. Wilmot pointed out that the Treasurer was a voting member of Council. With the absence of George Phillips from the meeting, there were only 4 voting members (President, Past President, Secretary, Canadian Division Representative).

The fraudulent activity that had occurred since the last Council Meeting was now contained. Although \$17,800 of checks had been fraudulently cashed, the bank refunded all the monies after the activity was reported by the ACA office. **Thus the ACA lost no money.** Appropriate law enforcement agencies had been alerted, and reports filed by the ACA.

**MOTION: Council wishes to thank Marcia Colquhoun and Crystal Townes for their excellent work in detecting the fraud and protecting all ACA assets. (Wilmot/Kelly; Unanimous)**

**MOTION: Accept report. (Kelly/Rose; Unanimous)**

Council thanked Rao for his diligence during the fraud.

The recommendations from the Finance Committee were considered (from meeting on May 26th, 2011).

**1. The Finance Committee recommends that 60% of the investment dividends earned from the Award Endowment be allocated to the "Operating Reserves" and 40% to "Awards Spendable".**

Changing the split of the dividends would enable the building up of the operating reserves to the level of one year of expenses, not including the Annual Meeting costs, which currently is ~\$400,000. With ~\$220,000 currently in the Reserve, this means an additional ~\$180,000 is needed. Dividends this past year were ~5%, or ~\$35,000 per year. Therefore on July 1st 2011, a 60% split would add ~\$21,000 to the Reserve. With additional Award endowments monies, this would average at ~\$28,000 per year, and therefore the target of one year of operating costs in the reserve account could be reached in ~7 years.

**MOTION: Accept recommendation #1 from the Finance Committee (Rose; Unanimous)**

**2. The Finance Committee recommends that the Council accept the resignation of ACA Treasurer Bernard Santarsiero, effective April 9th 2011, pending a final financial audit, and that the Chief Financial Officer assume the Treasurer's duties until the end of the Treasurer's elected term (December 2012).**

**MOTION: Accept recommendation #2 from the Finance Committee (Rose; Unanimous)**

**3. The Finance Committee recommends the Council approve the solicitation of a final contract with the Sheraton Waikiki Hotel for the ACA Annual Meeting in 2013.**

**4. The Finance Committee recommends the Council approve the venue of Orlando, Florida for a Spring 2014 Meeting.**

**5. The Finance Committee recommends the Council approve the venue of Denver, Colorado for a 2015 Meeting. Los Angeles would be considered as a "plan B" city.**

Kelly asked about the idea of Las Vegas as a 2014 Meeting destination to make it geographically far from Montreal to help reduce competition with the IUCr Congress. Las Vegas hotels would not sign contracts until 18 months beforehand. Rose and Colquhoun felt it would make little difference. Rose would like to keep Canadian crystallographers engaged following the IUCr Congress. Coupled with the great success of the 2009 Toronto ACA Annual Meeting, he suggested holding another ACA Annual Meeting at a Canadian site. There was broad support for this from Council (perhaps in 2016?).

**MOTION: Accept recommendations #3, #4, #5 from the Finance Committee (Wilmot; Unanimous)**

**6. The Finance Committee recommends that the Council appoint a Development Officer to explore the possibilities of fund raising and procedures for accepting gifts, etc.**

Hackert thought that this was a good time for moving forward with such an initiative with the upcoming International Year of Crystallography (IYCr 2013). Hackert suggested looking for someone who had retired from an industrial position for filling the post. Rao suggested an attorney who would receive 10% of the money they raised in endowments and drawing up of

wills. There were examples where this strategy had been very successful for non-profits, and the attorney was motivated as they did not get money until they secured a gift. Did we need a Development Officer? It was felt that having a Development Officer who could help identify opportunities and work between Council and an attorney was a good idea. Kelly asked if the idea should be brought up at the All-Member Business Meeting. Koetzle, Wilmot and Hackert felt no, and that Council should just move forward with finding a suitable person.

**ACTION: Council to identify possible candidates for the position of Development Officer to spearhead fund raising efforts on behalf of the ACA.**

**ACTION: Koetzle and Rao to write a job description for the position of ACA Development Officer.**

**MOTION: Accept recommendation #6 from the Finance Committee (Wilmot; Unanimous)**

**7. The Finance Committee Recommends the Council approve a new donation fund, to be named History Fund, to accept donations to set up and maintain an electronic history of the ACA and crystallography.**

This would not be an endowment fund, and would be added as a voluntary donation item on the ACA dues form. This fund would represent supplemental, ear-marked funds to support the initiative, which would move forward in any event. Duax stated that donors like to be able to support specific projects and were more likely to give money this way. Kelly suggested that something should be written about the new fund for RefleXions. Koetzle stated that this supported an important initiative within the ACA.

**MOTION: Accept recommendation #7 from the Finance Committee (Rose; Unanimous)**

#### **Agenda item 7: IUCr Representative report (Hackert)**

***IUCr Executive Committee (EC) meeting:*** The IUCr EC met in Busan, South Korea, October 29<sup>th</sup>-31<sup>st</sup> 2010 in conjunction with the AsCA meeting in Busan. Topics discussed included receipt of the report from the committee to review IUCr Statutes and By-Laws, a proposal to make 2013 the International Year of Crystallography, discussion of Commissions, an update on plans for the XXII IUCr Congress and General Assembly in Madrid, Spain in August 2011, review of the nominations for officers for the IUCr elections in Madrid, and review of the operation of the IUCr Journals and the finances of the IUCR.

***Regional Associates:*** The IUCr has three Regional Associates representing different North-South geographical regions, the American Crystallographic Association (ACA) covering North, Central and South America, the Asian Crystallographic Association (AsCA) covering Oceania and Asia, and the European Crystallographic Association (ECA) covering Europe and Africa. The Regional Associates play an important role in the promotion of crystallography. Hackert attended part of the AsCA Meeting, which was very upbeat with over 600 participants (over 200 from Korea). He also noted that richer AsCA members had facilitated a Regional Committee of Crystallographers from Bangladesh, Malaysia, Singapore, Thailand and Vietnam to become part of the IUCr by paying the dues.

***Statutes and By-Laws Committee:*** A committee consisting of Ted Baker (Chair), Andre Authier, Marv Hackert, and the Executive Secretary Mike Dacombe presented their final recommendations for changes to the IUCr Statutes and By-Laws at the meeting in Busan. The

recommendations were divided into those that can be implemented by the EC without needing GA action (changes that affect only how the IUCr operates) and those that will require a vote and approval of the GA when it meets in Madrid in August.

A description of these recommendations was sent to all the National Committees, the EC, and the Chairs and Secretaries of Commission in late fall 2010, and was previously presented to the ACA Council. These recommendations have met with generally positive responses. Accordingly, the Executive Committee recommends that the changes proposed in the report should be approved by the General Assembly when it meets in Madrid.

One of the eleven recommendations is of particular note: The committee recommended that the six ordinary members of the EC should always include at least one member from each of the three geographical regions: (i) Europe and Africa; (ii) the Americas; and (iii) Asia and Oceania.

#### *Revised Statute 6.2*

*6.2. The election of Officers of the Union shall be arranged in such a way that there will not be more than two Officers from any one Country **and that amongst the six ordinary members there will be at least one Officer from a Country from each of the three geographical regions (i) Europe and Africa, (ii) the Americas and (iii) Asia/Oceania.***

**EC Elections:** All nominations for officers and members of the Executive Committee proposed by the National Committees of member countries were considered when the EC met in Busan. The Committee agreed to put forward all the candidates proposed. Current nominees are:

Nomination for President: G.R. Desiraju (India)

Nomination for General Secretary and Treasurer: L. Van Meervelt (Belgium)

Nominations for Vice-President: C.J. Gilmore (UK), C. Lecomte (France)

Nominations for one three-year and three six-year vacancies for ordinary members (grouped by Regional Association) are:

**ECA:** W. Depmeier (Germany) / C. Mealli (Italy) / A. Pietraszko (Poland)

**AsCA:** J.M. Guss (Australia) / W.T. Klooster (Singapore) / Xiao-Dong Su (People's Republic of China) / S. Wakatsuki (Japan) / Yu Wang (Taipei)

**ACA:** M.L. Hackert (USA) / H. Dabkowska (Canada – pending)

If any group of National Committees wishes to make **additional** nominations, they can send these to the Executive Secretary ([execsec@iucr.org](mailto:execsec@iucr.org)) at least **one month before** the General Assembly, supported by curricula vitae (including nominees' reasons for standing) and the names of at **least six delegates** supporting the nominations (see By-Law 8.2).

**International Year of Crystallography (IYCr):** The IUCr is working to mark the centennial of the birth of modern crystallography by making 2013 the International Year of Crystallography (IYCr). In 1912 Max von Laue showed that X-rays were diffracted by crystals, and in 1913 W. H. and W. L. Bragg demonstrated that the diffraction of X-rays can be used to determine the positions of atoms within a crystal.

The crystallographic community has welcomed the idea of having 2013 as an International Year of Crystallography (IYCr) and the Regional Associates and several National organizations have already started their preparations in anticipation of the IYCr. The IUCr has contacted the International Scientific Unions that are members of the International Council of Scientific Unions (ICSU). At its recent meeting in Cuba, ICSU expressed its support for the

IYCr. The Scientific Board of UNESCO has also recently endorsed the IYCr. In addition, several Unions have shown great interest in making joint arrangements.

The IUCr is currently having a competition for the design of a logo for the International Year of Crystallography. The logo should symbolize and represent the fundamental importance of crystallography to society. It will be used for announcements, letterheads, brochures, publications, web sites and other purposes as may be decided by the IUCr. Full details may be found at <http://www.iucr.org/iycr/logocompetition>. The closing date for entries is 1 July 2011. PRIZE: Apple iPad. There were 12 entries so far, and the logo will be selected at the XXII IUCr Congress in Madrid.

**2011 XXII IUCr Congress and General Assembly:** The XXII IUCr Congress will be in Madrid from August 22-30, 2011. The three Nobel Prize winners in chemistry for 2009, and the Ewald Prize winner will be honored. Enrique Gutiérrez-Puebla serves as the Chairperson for this Congress.

**2014 XXIII IUCr Congress and General Assembly:** The XXIII IUCr Congress will be held August 5-12, 2014, in Montreal, Quebec, Canada. Marv Hackert serves as the IUCr liaison for this meeting and has participated in two teleconference meetings of the local organizing committee. The focus of these meetings has been on organization and the web site design. They expect to have the web site live in July, 2011, so as to be available before the IUCr Congress in Madrid in August.

**2017 XXIV IUCr Congress and General Assembly:** A bid for the XXIV<sup>th</sup> IUCr Congress in 2017 to be held in Hyderabad from August 21-29, 2017, has been received from the Indian National Science Academy (INSA) and the Indian Crystallographic Association (ICA). Hyderabad is the fifth largest city in India (pop. 6 million) and the capital of the state of Andhra Pradesh located in the heart of the Deccan plateau, 590m above sea level (August temperatures (22-29 °C, 75-85 °F).

**MOTION: Accept report. (Koetzle/Wilmot; Unanimous)**

#### **Agenda item 8: YSSIG Representative report (Davis)**

Davis stated that having an orientation for young scientists and first time attendees on how to get the most out of the ACA Meeting had been very successful. Twenty people attended last year's YSSIG Meeting due to the orientation session, whereas there were only 5 the year before. Lots of the young scientists wanted to get involved. For example one person is now responsible for the YSSIG LinkedIn web-site. Kelly wondered if some of these people could serve *ex officio* on ACA Committees. Colquhoun suggested that they should attend some of the other SIG meetings and stand for SIG Officer positions in those that align with their interests. Wilmot pointed out that students and postdocs are an unusual group in that their ability to attend ACA meetings depends on the support of their PIs, so it can be difficult to attend ACA Meetings on consecutive years. Colquhoun pointed out that some SIG Officers did not attend every year. Wilmot stated that on-line tools could also be used to keep Officers in touch even if they were not physically present.

Rayonix is now sponsoring the YSSIG Mixer event on Sunday night (\$2,000). Koetzle brought up the issue of the ACA Meeting dropping from 5 to 4 days. Could the YSSIG Mixer and Mentor-Mentee Dinner be combined in some way? Davis stated that the Mixer was more popular, and so YSSIG would prefer to keep this. Perhaps one-on-one meetings with mentors could be set up for those interested.

Davis was trying to set up some outreach activities, including bringing some high school students to the ACA. He had approached Bruker and Rigaku, but neither had responded. Duax pointed out that high school students require an adult chaperone. Davis stated that they intended to build money into the program for that.

Davis stated that the Orientation was scheduled for Saturday night at 6:30 pm in room D1. Council expressed a wish to attend so that students and postdocs would know who they were, and to encourage young scientists to talk to more established members.

#### **Agenda item 9: Executive Officer / Headquarters Report (Duax / Colquhoun)**

*Budgets:* The 2011 year-to-date (YTD) and estimated annual incomes were presented. There were some corrections needed. A number of projected costs for 2011 in the top Table, pg 24, were lower than the YTD costs.

*ACA Newsletter:* Currently RefleXions has a surplus of \$23,395. It appears the drop in advertisement revenue had bottomed out in 2010, and had increased substantially in 2011. The fate of RefleXions in a post Judy Flippen-Anderson and Connie Rajnak era was raised. Duax was trying to find out how many hours of effort are needed to produce RefleXions. The fact that Flippen-Anderson and Rajnak are volunteers is what makes RefleXions such a financial success. They have been trying to recruit a wider range of volunteer editors who are responsible for specific areas of RefleXions, such as book reviews, history, etc.

*Annual Meetings:* For 2011 the number of registrants so far was 601, which is similar to that of Knoxville 2008 (634), the last Spring Annual Meeting in an IUCr Congress year. Donations of \$43,775 had been raised (\$18,625 raised by session organizers) which was up from last year's figure of \$31,332. The 2011 Annual Meeting budget has a budget of \$407,093, but based on YTD and estimated costs, the projected total expenditures are \$375,272, and this should mean that the Meeting does not lose money. There were also 20-30 registrations still outstanding for speakers, and there were generally some walk-in registrants.

*Membership:* The numbers of new (161 + 121 [non-member at Annual Meeting automatically sent materials for year]), renewed (1195) and resigned (11) members for 2011 thus far were presented (total 1477). The numbers are lower at this point compared to last year, but this is typical for a Spring Annual Meeting on an IUCr year that always has lower attendance. It was noted that many memberships are tied to getting a lower registration at the Annual Meeting.

**MOTION:        Accept report. (Kelly/Rose; Unanimous)**

#### **Agenda item 10: Annual Meetings**

##### **Agenda item 10A: 2011 New Orleans Meeting**

*Schedule of Council meetings:* This was reviewed and approved.

*Prepare Business Meeting agenda and review minutes from 2010 All-member Business Meeting:* The agenda was approved, with the note that the Vice-President should report also on future meeting sites. Wilmot noted that the 2010 minutes in the Council meeting packet were the uncorrected ones. She also broke up the overall ACA total funds into restricted award endowments, restricted multi-year invested contingency funds, and unrestricted funds. Overall income, expenses, and these three numbers should be presented to the membership by CFO, and rounded to the nearest \$1,000. For 2010 there was a surplus of \$14,000. This was primarily due to the office being shorthanded whilst appointing a new person to replace Crystal Townes, who was promoted to the position that Jen Shepard had held.

*Prepare banquet agenda:* Koetzle would check with Chris Cahill (2012 program Chair) to see if he wants to make any comments at the banquet. Due to Dan Nocera (2011 Elizabeth Wood Award) being initially told the incorrect dates for the 2011 ACA Annual Meeting, by the time that the mistake was noticed he was already committed elsewhere. The Public Service Award, given at Council's discretion, involves the recipient making a short speech at the banquet, as does the Wood Award. Council had been planning to make this award in 2012, but Kelly had so far been unsuccessful in getting them to agree to come. It was decided that if the latest efforts did not work out, then a 2012 Public Service Award would be held back to 2013, and Nocera would receive his 2011 Wood Award and give his banquet speech in 2012. With the shortened 2012 Meeting (5 to 4 days), it would be difficult to accommodate both recipients.

*2012 Boston Meeting:* This will be a 4 day meeting rather than 5 day. The hotel contract had been renegotiated, and the room block reduced to reflect reduced trends in the last few years for staying at the conference hotel. Colquhoun had put together a suggested layout for how to fit all the Council and SIG meetings into a 4 day format. The President's Reception and Mentor-Mentee dinner would not take place. SIGs prefer to hold their annual meeting with members before they meet with Council. Rose suggested Wednesday evening as a possible slot as SIG Officers would be staying for the Thursday morning Planning Meeting for 2013.

The final agreed timetable was: Sunday lunch with Award winners; Monday lunch All-Member Business Meeting; Tuesday breakfast (7am) with Newsletter Editors and Program Local Chairs; Tuesday lunch with Standing Committees; Wednesday breakfast and lunch with SIGs; Thursday morning 2013 Planning Meeting.

*Future Annual Meetings:* 2013, Hawaii; 2014, Orlando, FL; 2015, Denver, CO (Los Angeles, CA in reserve).

## **Agenda item 11: ACA Awards**

### **Agenda item 11A: Public Service Award nominees**

Six candidates were put forward for the 2012 Public Service Award, whose recipient is decided by Council. Kelly put this together as Past President. The candidate with the most support had been notified on April 6<sup>th</sup>. To date they had not responded to the ACA regarding acceptance. However, in light of presenting Dan Nocera the 2011 Elizabeth Wood Writing Award at the 2012 banquet, the Public Service Award would be shelved until 2013 if the candidate is unable to accept the 2012 Award.

### **Agenda item 11B: ACA Fellows Nominations**

Forty-six candidates had been put forward by members of Council for the initial complement of Fellows. Those who were not ACA members were removed from the list. The ultimate goal was to honor ~ 5% of the membership with the title of ACA Fellow. Hackert suggested appointing up to 1.5% of the membership or 20 people (aiming for 75 total) in the initial round. Each member of Council wrote down 20 names from the starting candidates. Sixteen received 4-6 votes, and so it was decided to limit the initial appointments to 16. Koetzle will contact these 16 to check that they are willing to receive the title of ACA Fellow. If he was able to contact all of them, he would announce the first group of Fellows at the banquet. If he could not get hold of all of them, the announcement would be made later. In future years the Fellows form their own award committee to induct further members.

The first ACA Fellows are:

Helen Berman, Philip Coppens, Johann Deisenhofer, Bill Duax, Judy Flippen-Anderson, Jenny Glusker, Herb Hauptman, Wayne Hendrickson, Carroll Johnson, Isabella Karle, Jerome Karle, Rao, Connie Rajnak, Michael Rossmann, George Sheldrick, BC Wang.

**ACTION: Wilmot to send Koetzle a few sentences from the ACA Fellows draft document that summarizes the criteria for selection.**

#### **Agenda item 11C: Schedule of future awards**

These were reviewed. In 2012 the Charles E. Supper Instrumentation (Ron Hamlin, ADSC), possibly the Public Service, the Etter Early Career (still to be decided), Warren Diffraction Physics (Paul Fenter, Argonne National Labs) and Buerger (John Spence, Arizona State University) Awards would be presented. In addition Dan Nocera would be invited to receive the 2011 Elizabeth Wood Writing Award. The first Bau Neutron Diffraction Award would be given in 2013. Normally the Vice-President (George Phillips) would appoint the Nominations Committees for the 2013 awards; however as Koetzle had been asked to administer the award, he would appoint the first Bau Award Nominations Committee. Kelly had contacted Steve Nelles about adding money to the Supper Instrumentation Award endowment. Nelles has decided to "buy" a table for the 2012 ACA Annual Meeting banquet for the Award winner and Supper people. Colquhoun thinks this is a good idea, which should be considered as an option for other awards. If the 2012 Public Service Award was given, it was decided to have the 2011 Wood Award speech by Nocera on Saturday night (YSSIG Orientation 6:00-7:00pm; Wood Award speech 7:00-7:30pm; Reception 7:30pm onwards). Kelly thought that the Public Service Award came with \$1500 + a painting. Colquhoun stated that although the award money amount was correct, the painting was associated with the Wood Award. There were enough paintings to give both Public Service and Wood recipients a painting if required.

#### **Agenda item 12: ACA RefleXions**

There was nothing additional to state.

#### **Agenda item 13: ACA Summer Courses**

The Continuing Education Standing Committee (CEC) had unanimously awarded the 2012-2015 Small Molecule Crystallography ACA sponsored Summer Course to the University of Notre Dame and Northwestern University (organizers Allen Oliver of Notre Dame and Amy Sarjeant of Northwestern).

There was still no Macromolecular Crystallography Summer Course being proposed (the course had not been held for 2 years). At the 2010 ACA Annual Meeting, four groups had expressed an interest (see 2010 Fall Council Meeting minutes). Colquhoun had contacted CEC to follow up with these groups, but ultimately no applications had been forthcoming. Kelly wondered if ACA could support already existing courses, such as Bob Sweet's RapiData at Brookhaven National Labs.

#### **Agenda item 12: SIGs, Committees and Elections 2011**

*Vice-President:* Ed Collins (University of North Carolina), Cheryl Klein-Stevens (Xavier University of Louisiana)

*Secretary:* Patrick Loll (Drexel University College of Medicine), John Tanner (University of Missouri)

*Communications Committee:* Eddie Snell (Hauptman-Woodward Medical Research Institute), Ashfia Huq (Oak Ridge National Lab)

*Continuing Education Committee:* Amy Sarjeant (Northwestern), Angela Criswell (Rigaku Americas Corp)

*Data, Standards and Computing Committee:* Howard Robinson (Brookhaven National Lab), John Westbrook (Rutgers, State University of New Jersey)

**ACTION: Colquhoun to check that the candidates are all current ACA members**

### **Agenda item 13: Other Organizations**

#### **Agenda item 13A: International Union of Crystallography (IUCr).**

The ACA had received a request for a letter of support from the ACA to support the application of Prof. Bog Stec to receive financial support from the IUCr President's Fund to attend the 2011 IUCr Congress in Madrid, Spain. These monies are primarily to support senior scientists from disadvantaged countries to attend the IUCr Congress. Prof. Stec resides in the USA. A short letter stating his affiliation to the ACA was provided by Bill Duax.

#### **Agenda item 13B: American Institute of Physics (AIP).**

The ACA is one of the member societies that make up the AIP. The steep rise in AIP per member dues (\$6 to \$9) was discussed in comparison to the ACA membership dues. Kelly had written to Fred Dylla of AIP about reducing the AIP fees for students and postdocs, inasmuch as the AIP fees make up a substantial portion of the ACA dues in these categories (32% and 21% respectively). The print copy of Physics Today is the major cost, so AIP is reluctant to consider a reduction. Rose and Judy Flippen-Anderson by e-mail suggested they should go electronic to reduce costs. Kelly had been told by Dylla that doing this would have much larger consequences within AIP, as there are similar situations with the other member societies (ACA is the 2<sup>nd</sup> smallest).

**ACTION: Koetzle to get all Kelly correspondence on this topic and work through Judy Flippen-Anderson to see what could be done**

### **Agenda item 14: New Business**

*Latin American Division:* Francis Bernstein had enquired why there was no US Division Representative on Council. Based on the ACA by-laws any country or group of countries that have ACA membership can form a Division and elect a voting member to the ACA Council. This is exactly the mechanism used for electing the voting Canadian Representative on Council. The US does not have a Division, but could form one and US based ACA members could be balloted to elect a member to Council. The Council was enthusiastic to see if they could use this mechanism to form a Latin American Division who could elect a Representative to sit on Council. Hackert would talk with the other Americas countries at the IUCr Congress in Madrid to see if they would be interested in pursuing this course. There is also no reason why elected Council officials could not be from outside the US or Canada, as long as they are ACA members. Kelly is on the Nominations Committee and could look into this. Duax stated that Argentina, Brazil, and Mexico all had country membership and ACA members. The Argentine President of their crystallographic group and the Brazilians were very active (17 ACA members in total). Mexico only had 2 ACA members at this time.

**ACTION: Koetzle to work with Colquhoun to identify major contacts in the Latin American community, and seeing if they would be willing to form a Latin America Division and elect a voting Representative to the ACA Council**

#### **Agenda item 15: Old Business**

*Council 2010 Fall Meeting action items:* Santarsiero had a number of action items assigned to him. Colquhoun stated that she requested the audio-visual material and the 5 laptops owned by ACA from Santarsiero and these were now with the ACA office. The 30 laptops donated by Bristol-Myers Squibb were still in Chicago. Duax stated that he was willing to rent a van and drive to Chicago to pick them up. This appears to be the most cost effective way of moving them to Buffalo.

New guidelines for what is required from Transactions speakers to make an effective and useful web resource still needed to be finalized. It was decided that Art Schultz and the 2011 Transactions Chair would be asked to come up with some guidelines. These should be implemented by 2012.

Brian Toby (Spallation Neutron Source (SNS)) has written to the ACA asking for help in promotion of the powder diffraction instrumentation at SNS. Koetzle did contact Toby, and lobbying efforts are still ongoing. Koetzle intended to contact the relevant SIGs to put together a letter of supporters.

The result of the survey of ACA attendees with regard to vendors from whom they purchase regularly had led to the addition of two new vendors at this year's Annual Meeting. It was noted that Hampton Research was completely absent from the New Orleans Meeting.

**ACTION: Kelly will draw up a time-table of requests she received for putting forward ACA candidates for service on committees. Koetzle will need to canvas the appropriate SIGs for candidates prior to the expected requests.**

#### **Agenda item 16: 2011 Fall Council Meeting**

October 21<sup>st</sup>-22<sup>nd</sup> in Buffalo, NY. The meeting would be split across two days (afternoon Oct 21<sup>st</sup>; morning, Oct 22<sup>nd</sup>). However, the dates needed to be cross-checked with the meeting schedule of the USNCCr to make sure that there is no clash.

**ACTION: Colquhoun to check that dates do not clash with an USNCCr meeting date.**

#### **Adjournment**

**MOTION: Adjourn meeting (Unanimous). Meeting adjourned at 5:52 PM.**