Next Southern Illinois Section Activity
Wednesday, April 14, 2010
Cape Girardeau, MO

6:00 p.m. Dinner
Global Café, 1315 Broadway, Cape Girardeau, MO
Reservations by Noon, Tuesday, April 13 to
Ruth Hathaway at 573-334-3827 or e-mail at ruthhathaway@msn.com

7:30 p.m. Science Cafe
Broadway Books and Roasting Company
605 Broadway, Cape Girardeau, MO

Chemistry is for the Birds
Dwight Chasar
Research Scientist and Field Ornithologist

Speaker's notes: To better understand bird life and behavior, and using the tools chemists have used for years, avian biologists and chemists have recently begun to examine more closely the chemistry associated with birds. In this fascinating look at the chemistry of birds, chemist and birder Dr. Dwight Chasar talks about the chemical pigments that give birds color, the chemicals birds use for survival in the wild, chemicals that nearly extirpated raptors, and the use of stable isotopes to understand bird migration. From the simplicity of bird poop to the complexity of bird DNA analysis, chemistry is playing a big role in our understanding of bird dynamics. Chemistry is for the Birds covers enough chemistry to satisfy general interest chemists and is simple enough to help non-chemists and students appreciate the beauty and complexity of the chemistry of birds.

Minutes of the Executive Committee Meeting
Southern Illinois Section
October 13, 2009

Present: Andy Graf (presiding), Marcus Bond, Mary Chaklos, Qingfeng Ge, Ruth Hathaway, David Payne, Michael Rodgers

The meeting was called to order at 6:50 PM in Hunan Restaurant in Carbondale, Illinois. M. Rodgers made a motion that the minutes of the previous Executive Committee meeting be accepted as distributed. D. Payne seconded the motion, and it passed.

M. Rodgers presented the treasurer’s report. M. Chaklos moved that it be accepted, D. Payne seconded the motion, and it passed.

Old Business:
M. Bond reported on the plans for the Halloween event. All of the activities have been finalized. Sixty one participants are expected. The Missouri Department of Conservation will participate as well as groups from the SEMO campus. Volunteers have been arranged.
A. Graf reported that 102 Merck Indexes have arrived. The Executive Committee will decide how these will be distributed. M. Rodgers will be directing a workshop for AP chemistry teachers on December 1, and each of the teachers will get one.

R. Hathaway reported that the ballots for the annual elections have been distributed and are due by October 30. The officers’ report is due at National by December 1.

New Business:
A. Graf noted that the information about the annual report had been received. It is due February 15, 2010. A meeting will be held in January 2010 to complete the report.

The possibility of a high school workshop in March 2010 was discussed, but nothing was decided.

The meeting was adjourned at 7:10 PM.

Mary S. Chadlow
Secretary

American Chemical Society
Southern Illinois Section Treasurer's Report
3/1/2010

Share Balance: $33.76 (as of 12/31/08)
Savings Balance: $2,205.54 (as of 12/31/08)
SIU Credit Union earnings (2009 total) 11.10
AG Edwards Balance: $14,739.57 (as of 12/31/09)
Wells Fargo earnings (2009 total) 271.95
Account fee 60.00
Checking Balance: $3,157.12

Expenses since last report:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Rodgers - Allen meal 10/13/09</td>
<td>30.34</td>
</tr>
<tr>
<td>The Science Center - Science Cafe 2009</td>
<td>500.00</td>
</tr>
<tr>
<td>Mateja Love - nanogrant reimb</td>
<td>25.00</td>
</tr>
<tr>
<td>Christy Hayes - nanogrant reimb</td>
<td>25.00</td>
</tr>
<tr>
<td>ACS - Sales Speaker Fee</td>
<td>350.00</td>
</tr>
<tr>
<td>Shannon McNew - Halloween Mats (bia)</td>
<td>483.59</td>
</tr>
<tr>
<td>The Science Center - 2009 donation</td>
<td>100.00</td>
</tr>
<tr>
<td>SEMO Chemistry Dept. - Halloween Mats Chemistry</td>
<td>835.59</td>
</tr>
<tr>
<td>ACS - LS Special List</td>
<td>25.00</td>
</tr>
<tr>
<td>ACS - Student Membership Grant</td>
<td>720.00</td>
</tr>
<tr>
<td>SEMO Regional Science Fair</td>
<td>100.00</td>
</tr>
<tr>
<td>ACS - Student Membership Grant</td>
<td>90.00</td>
</tr>
<tr>
<td>Catherine A. Carney - SIUC Sophomore Award</td>
<td>100.00</td>
</tr>
<tr>
<td>Vina M. Pedigo-Young - SIUC Senior Award</td>
<td>200.00</td>
</tr>
</tbody>
</table>

Deposits:

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/15/2010</td>
<td>ACS - nanogrant funds</td>
<td>250.00</td>
</tr>
</tbody>
</table>

Grand Total of Account $20,135.99

Respectfully submitted,

Michael L. Rodgers
Local Section Treasurer
ACS Award Winners
2010 Southeast Missouri Regional Science Fair

Junior Chemistry: Ian Jones, 7th grade, Farmington Middle School
Junior Biochemistry: Jessica Muir, 7th grade, Cape Christian School
Senior Chemistry: Logan Ressel, 9th grade, Saxony Lutheran High School

SUMMARY OF GOVERNANCE ACTIONS/REPORTS

AMERICAN CHEMICAL SOCIETY
239th ACS NATIONAL MEETING
SAN FRANCISCO, CA
MARCH 21-25, 2010

The following summary is provided to help Councilors report to their local sections and divisions on key actions of the ACS Council and Board of Directors at the 2010 spring national meeting.

ACTIONS OF THE COUNCIL

Election Results
- The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2011: Luis A. Echegoyen, John P. Fackler, Jr., and Bassam Z. Shakhashiri. A fourth candidate withdrew on February 3 for personal reasons. At that time, the Committee on Nominations and Elections voted to continue the search for a replacement nominee based on the ranking previously developed by the Committee. Committee action specified that if no replacement nominee was found by March 12, 2010, then the original nominee list and biographical data, without the nominee who withdrew, would be sent to the Council. As no nominee was identified, three nominees were presented.

By electronic ballot, the Council selected Luis A. Echegoyen and Bassam Z. Shakhashiri as candidates for 2011 President-Elect. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

- The Committee on Nominations and Elections announced the results of the election to select candidates from the list of nominees to represent District II and District IV on the Board of Directors for the term 2011-2013. Nominees for District II included: George M. Bodner, Andrew D. Jorgensen, V. Michael Mautino, and Joseph R. Peterson. Nominees for District IV included John W. Finley, Larry K. Krannich, Will E. Lynch, and Ingrid Montes. By mail ballot, the Councilors from these districts selected George M. Bodner and Joseph R. Peterson as District II candidates; and Larry K. Krannich and Will E. Lynch as District IV candidates. Ballots will be mailed on or before October 10 to all members in District II and District IV for election of a Director from each District.

Candidates for Directors-at-Large
- The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for a 2011-2013 term: Janan M. Hayes, Robert L. Lichter, Kathleen M. Schulz, and Kent J. Voorhees. The election of two Directors-at-Large will be conducted in the fall. Ballots will be mailed to the Council on or before October 10.

Petitions to Amend the Constitution and Bylaws
(For Action)
The Council received three amendments to the ACS Constitution and Bylaws for action: The Petition on Admissions Committee, the Petition on Candidate Selection by Member Petition, and the Petition on Election Timelines 2009.

The Council VOTED to approve the Petition on Admissions Committee. This petition removes the Admission Committee from the Bylaws and transfers its functions to the Council Committee on Membership Affairs.

After considerable debate, a motion to approve the Petition on Candidate Selection by Member Petition FAILED. The Petition on Candidate Selection by Member Petition would have amended the Constitution to emphasize that candidates selected by a petition process from members will have no further screening.
The Council also thoroughly debated the merits of the Petition on Election Timelines 2009. The motion to approve this petition FAILED. The Petition on Election Timelines 2009 would have shortened certain national election timelines.

The Board of Directors will vote within 90 days on whether to ratify the Petition on Admissions Committee.

(For Consideration)

- The Council received three petitions for consideration: The Petition on International Chemical Sciences Chapters, Petition on President-Elect Eligibility, and Petition on Recorded Votes. The Petition on International Chemical Sciences Chapters provides for travel funds for either the Chair or Chair-Elect of International Chemical Sciences Chapters to attend governance meetings at twice the amount allotted for a Councilor. The Petition on President-Elect Eligibility requires that nominees or candidates for President-Elect come from an academic background every other election, and that only those from non-academic backgrounds would be eligible in the alternate years. The Petition on Recorded Votes provides for additional voting methods, e.g., clickers that have been recently used at Council meetings, when conducting recorded votes. Action is expected on these petitions at the fall Council meeting.

The Society’s Finances

- The Council and Board of Directors learned that the Society’s total 2009 revenue ($460 million) was up +1% from 2008, but fell short of the 2009 approved budget by $19.5 million or 4.1%. Fortunately, the revenue shortfall was fully anticipated in early 2009. Therefore, contingency planning actions and cost containment initiatives were implemented across the Society, resulting in expense savings totaling $22.5 million. Significant reductions were realized in salaries and fringe benefits, and in discretionary accounts such as travel, training, and professional services. As a result, the Society’s Net Return from Operations was $13.7 million, or $3.0 million greater than anticipated in the 2009 Approved Budget.

Unrestricted Net Assets rebounded in 2009 to approximately $124 million, from a previous $60 million at the end of 2008. The significant increase can be attributed to the favorable operating results, investment gains, and a net reduction in the Society’s post-retirement benefit plan liabilities. The Society ended the year in compliance with four of the five Board-established financial guidelines. The Fund Balance Ratio Guideline, which measures the adequacy of the Society’s unrestricted net assets, was not met. The financial outlook for 2010 is better, and ACS management expects the Society to meet the 2010 approved budget.

2011 Member Dues

- The Council VOTED to set the member dues for 2011 at the fully escalated rate of $146. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

Local Section Allotment Calculator

- The Council VOTED to continue for three years the current formula for determining allotments to local sections.

Member Statistics

- At the close of 2009, Society membership totaled 161,783 compared to 154,024 for year-end 2008. The number of new membership applications received last year was the highest ever. The 2009 number also reflects the transition of 6,658 former Student Affiliates to the new student member category in June 2009 and the recruitment of 6,341 new student member undergraduates.

Attendance Report

- As of March 24, 2010, the ACS spring national meeting had attracted 18,076 registrants as follows: Regular attendees, 9,715; Students, 5,705; Exhibitors, 1,219; Exposition only, 923; and Guests, 514.

**ACTIONS OF THE BOARD OF DIRECTORS**

Committee Actions

The Board received reports from its Executive Committee, Committee on Grants and Awards (G&A), and Committee on Planning.

The Executive Committee closely examined its role and that of the Planning Committee, and concluded that both committees add value and are important to the overall work of the Board of Directors.
The Committee on Grants and Awards presented the Board with a screened list of nominees for the 2011 Priestley Medal, the Volunteer Service Award, and the Parsons Award. The Board agreed to review the screened list and announce the winners of these three awards after its June meeting.

The Board’s Committee on Planning met with the Board in executive session. At that point, the Board Chair announced that the Board of Directors had VOTED to grant full voting rights on the Planning Committee to the chairs of the Committees on Local Section Activities and Divisional Activities. (CPC & B&F already vote.) The committee and the Board then discussed the results of an external environmental scan and offered suggestions that could be used to refine the Society’s Strategic Plan for 2011 and Beyond. The committee and the Board also reviewed the committee’s role and considered some modifications to its charge and to its frequency of meetings.

Presidential Task Force on Diversity Reports
The Board received a report from the President’s Task Force on Diversity Reports. The task force was charged with assessing the recommendations from the diversity workshop reports in the context of current efforts and committees of the Society, and developing a road map for the implementation of the recommendations. The task force also urged that the ACS move into a leadership role in promoting the education, professional development, and inclusion and equity of present and future generations of chemical professionals that reflect the diversity of America. The Presidential succession and the full Board VOTED to refer the task force report to the Board Standing Committee on Professional and Member Relations for prioritization, assignment of accountability, and development of implementation timelines, and discharged the task force with sincere thanks for its excellent work.

The Executive Director/CEO Report
The Executive Director/CEO, along with several of her direct reports, updated the Board on the activities of Chemical Abstracts Service, the Publications Division, and the Society’s General Counsel. As a follow-up, the Board VOTED to approve a new appointment and three reappointments of journal editors.

On the recommendation of the ACS Governing Board for Publishing, the Board VOTED to accept a recommendation to authorize an additional member position on the Governing Board whenever additional expertise or perspective would help it execute its duties.

Compensation of Society Staff
On the recommendation of the Committee on Executive Compensation, the Board VOTED to approve several actions relative to compensation for the Society’s Executive staff. The compensation of the Society’s executive staff receives regular review from the Board.

Other Society Issues
The Board was briefed by its working group monitoring 2010 Board Logistical Training. This plan, which currently includes four broad topic areas, is designed to enhance overall Board effectiveness. The Board also received reports from several international guests representing the following scientific societies: Brazilian Chemical Society, the Chemical Society for Canada, the European Association for Chemical and Molecular Sciences (EuCheMS), the Royal Society of Chemistry (RSC), and the International Union of Pure and Applied Chemistry (IUPAC).

District V Councillor Caucus,
239th National ACS Meeting, San Francisco, California
Sunday, March 21, 2010
Location: Marriott Marquis Hotel, Room "Pacific H"

In Attendance: Dr. Kathleen Trahanovsky, Dr. C. Marvin Lang, Dr. Cherlynlavaughn Bradley, Dr. Mark Cesa, Dr. Russell Johnson, Dr. Barbara Moriarty, Dr. Susan Shih, Dr. Milt Levenberg, Dr. Peter Dorhout, Dr. Angela Powers, Dr. Susan M. Schelble, Dr. Sandra Bonetti, Dr. Ellen Keiter, Dr. Addison Ault, Dr. Eckhard Hellmuth, Dr. Ressano De Souza-Machado, Dr. Joann Pfeiffer, Dr. Sarah Mullins, Dr. Wayne Wolsey, Dr. Martin Rudd, Dr. Richard Lomneth, Dr. David Carter, Dr. Harmon Abrahamson, Dr. James Becvar, Dr. Alexa Serfis, Dr. Jetty Duffy-Matzner, Ruth Hathaway, Dr. Frank Blum, Bill Poirier, DeLyle Kallenbach, Dr. Neil Jaspersen, Dr. Kent Vorhees, Dr. Charles Casey, Margaret Levenberg, Ronald Clark, Kelly Elkins, Dr. Ingrid Gruen

Meeting commenced at 6:00 pm

Caucus Chair Marv Lang heralded the University of Wisconsin-Stevens Point’s achievement at winning the 2010 Division III National Basketball Championship. Introductions included recently elected District V Director Peter
Minutes from fall Washington, DC Caucus were approved.

Report from Director Dorhout. Finances have improved! A travel grid created to save costs is working, particularly useful at Regional Meetings. The American Chemical Society (ACS) and the Society for Advancement of Chicanos and Native Americans in Science (SACNAS) agreed to mutually use their resources to communicate opportunities for professional development, career management, leadership training, and educational resources; and to highlight the accomplishments of Chicano/Hispanic and Native American chemists. Next such effort could be with NOBCChE. IYC is next year, and as was noted, District V borders 2 counties. IYC stamp has 20000 signatures, but that was not enough to issue the stamp. IPhone has a new application – ACSmobile.

Kent Vorhees, Director at Large, indicated that LSAC has full voting privileges on board. Diane Schmidt’s taskforce produced a diversity report. He reported that the Board’s Committee on Planning met with the Board in executive session. At that point, the Board Chair announced that the Board of Directors had VOTED to grant full voting rights on the Planning Committee to the chairs of the Committees on Local Section Activities and Divisional Activities. (CPC & B&F already vote.) The committee and the Board then discussed the results of an external environmental scan and offered suggestions that could be used to refine the Society’s Strategic Plan for 2011 and Beyond. The committee and the Board also reviewed the committee’s role and considered some modifications to its charge and to its frequency of meetings.

Electronic dissemination of content was discussed with 300 papers being recorded and available for registrants. Concerning the Web project, Vorhees needs comments by email (kvoorhee@mines.edu). Frank Blum had a comment regarding scripts and some difficulty following links within the scripts. A symposium in honor of Jack Stocker is scheduled for Tuesday at Moscone South 200E beginning at 1:30 pm. There are 12064 abstracts, and it is possible that there will be 20000 attendees. Pre-registration for Boston has begun with prizes as incentives.

Marv Lang then tackled the Petition on the Admissions Committee that eliminates the need for an Admissions Committee and puts admissions standards into MAC. Director Vorhees suggested that that petition is a good thing for which he made motion that was seconded and passed. Lang will attend Council meeting and voice the support of the Caucus for the petition, if necessary.

Director Neil Jaspersen (B&F) indicated that Membership dues Revenues were at $460m (+1%), net from Operation $13.7m, Investment gains $28.1m, unrestricted funds up $123.9m from $60.3m in 2008. Key drivers included favorable operating results and investment gains. Annual dues were +3.3% from 2002-2010, just average for organizations. Dues set at fully escalated rate of $146. On a question as to why the asking for increase in a bad economic time, Operations Vorhees indicated the raises are connected to a consumer price index, and that not to raise dues comes back to haunt us. He pointed that a couple of years ago, $200m was wiped out to $ 60m in reserves as the Society had to put money in to fund pensions after losing out on investments. Sarah Mullins made a motion to support the $1 increase, with DeLyle Kallenbach seconding; 21 were for the motion, 4 opposed and 4 abstained. Jaspersen completed his report by pointing to the ACS Financial info home page.

Should Council meetings be moved to Tuesday? Abrahamson, on CPC, noted that no committee meetings, other than CPC would be moved. Susan Schelble asked for a straw poll and the results are as follows: Keep on Wed 18, not keeping it on Wed 7. 4 abstained.

Is Tour Speaker Service as we know it “dead”? Yes! Lang suggested it might be wise to attend the LSAC open meeting and voice concerns.

Lang and the Caucus then addressed the Member petition. Harmon Abrahamson noted that “Abstaining” from a vote is as good as a “No”. He indicated that the Petition process and candidate determination really belongs in the bylaws not constitution. Amending the constitution would need a 2/3 vote anyways to change. The Caucus took no stand on this issue.

Frank Blum took charge in explaining the election timeline. Four nominees are communicated to the Council on March 15 from Jan 1. Two candidates will move on from the Fall Council meeting no later than Oct 1 (changed from May 1). Meanwhile petition candidate names need to be in on June 15, before the two candidates are known. Campaign season thus is shortened by 6 months! Joann Pfeiffer moved to support petition, and the result was 17 for and 7 against.

Meeting ended at 7:15 pm

Respectfully submitted,

Ressano Machado
District V Caucus Secretary
Councilor, LaCrosse-Winona Section
2010 Southern Illinois Section Officers

Chair:
Marcus Bond
Chemistry Department MS 6400
Southeast Missouri State University
1 University Plaza
Cape Girardeau, MO  63701
573-651-2377
573-986-6433 fax
bond@mbond2.st.semo.edu

Chair-Elect:
Qingfeng Ge
Southern Illinois Univ
Dept of Chem & Biochem Mc 4409
1245 Lincoln Dr
Carbondale, IL 62901-4304
618-453-6406
qge@chem.siu.edu

Immediate Past-Chair:
Andy Graf
100 Feltz St.
Perryville, MO 63775-2428
573-547-8842
abppis@sbcglobal.net

Secretary:
Mary Chaklos
School of Medicine/MedPrep
Mail Stop 4323
975 S Normal Ave
Carbondale, IL  62901-4302
618-453-1556
618-453-1919 fax
mchaklos@siumed.edu

Treasurer:
Michael Rodgers
Chemistry Department MS 6400
Southeast Missouri State University
1 University Plaza
Cape Girardeau, MO  63701
573-651-2360
573-986-6433 fax
mrodgers@semo.edu

Councilor (2010):
Ruth Hathaway
1810 Georgia St.
Cape Girardeau, MO  63701
573-334-3827
573-334-2551 fax
ruthhathaway@msn.com

Alternate Councilor (2010):
Rachel Morgan-Theall
Chemistry Department MS 6400
Southeast Missouri State University
1 University Plaza
Cape Girardeau, MO  63701
573-651-2372
573-986-6433 fax
rmtheall@semo.edu