

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



November, 2009

SAS ACTIVITIES AT FACSS AND REPORTS

SAS DAY AT THE RACES

On Sunday, October 18, SAS sponsored a trip from FACSS in Louisville to Churchill Downs, home of the Kentucky Derby. Approximately one hundred SAS members and guests toured the facilities, enjoyed a buffet lunch, and participated in mock (video) horseracing. Offered free to SAS members, it was a truly memorable and enjoyable afternoon, and we look forward to an equally enjoyable event in Raleigh in 2010.

NEW! Revolutionary RAMAN Spectrometer !
Introducing, for the 1st time ever, an instrument that combines:
**RAMAN Microscopy, RAMAN and
RAMAN OPTICAL ACTIVITY (ROA)**

BioTools
'Tools for Discoveries of Life'
Watch the unveiling at www.btools.com



PHOTOS FROM SAS DAY AT THE RACES



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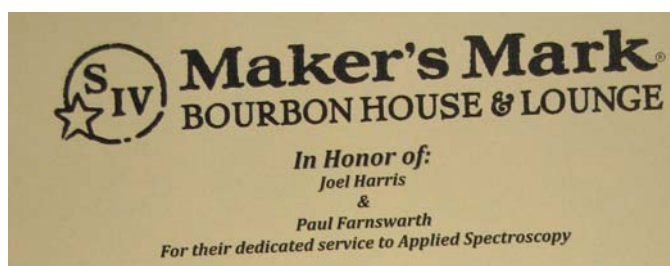
Comments to butcherATemail.wcu.edu

SAS Student Event at FACSS

SAS Student Representative Michelle Meighan hosted a special student event at FACSS on Monday, October 19. More than 60 students gathered at the RiRa Irish Pub for food, drink, and fellowship. Thanks to Michelle and the SAS National Office for organizing this special event.



SAS Student Event in Louisville



Special Celebration for Joel Harris and Paul Farnsworth

On Monday, October 19, SAS members shared a special dinner with out-going Editors of *Applied Spectroscopy* Joel Harris and Paul Farnsworth at the Maker's Mark Bourbon House and Lounge in Louisville, KY. Organized by Rina Dukor and the SAS International Office, celebrants enjoyed an outstanding meal and memories of the excellent work of the honorees.



Bonnie Saylor, Larry Nafie, Paul Farnsworth, Rina Dukor, and Joel Harris at the Maker's Mark



SAS Members Celebrate Editorship of Joel Harris & Paul Farnsworth

SAS Awards Presented at FACSS

A number of awards were presented at the FACSS Tuesday night (October 20) Wine and Cheese reception. The inaugural Barbara Stull SAS Graduate Student Award was presented by Barbara's daughters, Tammy Thomas and Joy Reichard, to Larissa Fenn of Vanderbilt University. A second SAS Graduate Student Award was presented by Connie Hayes in honor of Theodore Rains, her father, to Arndam Ganguly of the University of Missouri-Kansas City. Dr. Nicolo Omenetto was presented the Lester W. Strock Award by the SAS New England Section to recognize the author of an outstanding paper or series of papers. Joel Harris and Paul Farnsworth received distinguished service awards for their long-term service to the Society. The SAS Honorary Membership Award was presented to Geraldine Richmond for exceptional contributions to Spectroscopy. The William F. Meggers Award, recognizing the authors of an outstanding paper in *Applied Spectroscopy*, was presented to Christian Pellerin, Robert Prud'homme, Yongri Lang, and Damien Mauran for "A New Method for the Time-Resolved Analysis of Structure and Orientation: Polarization Modulation Infrared Structural Absorbance Spectroscopy," pp. 941-947, Issue 9, Volume 62, 2008. SAS recognized Mike Blades, John Chalmers, Jim de Haseth, Hiro-o Hamaguchi, Neil Everall, Robin Garrell, David Hercules, Fred Lytle, Jurgen Popp, and Mary Wirth as SAS Fellows for their outstanding service to the field of spectroscopy.



Joy Reichard (left) and Tammy Thomas (right) present the first Barbara Stull Graduate Award to Larissa Fenn.



Dr. Nicolo Omenetto received the Lester K. Strock Award.



Christian Pellerin (right) received the William F. Meggers Award, presented by SAS President Jon Carnahan.



New SAS Fellows include Mike Blades, Jim De Haseth, David Hercules, Robin Garrell, John Chalmers, Neil Everall, and Fred Lytle.

SAS Student Sunday Poster Session at FACSS

On Sunday evening of October 18, SAS sponsored a student poster session. Twenty-nine excellent posters were presented during the opening technical event of the conference. Four awards were presented for outstanding posters:

Jeffrey R. Enders, Vanderbilt University, for "Real Time Analysis of Cell Signaling and Response using Microfluidic Cell Trapping-Ion Mobility-Mass Spectrometry," Advisor: John Wikswso.

John Frost, University of Wisconsin-Milwaukee, for "Photon Trapping Spectroscopy," Advisor: Peter Geissinger.

Mekhala Raghavan, University of Michigan, for "Orientation Distribution Functions by Polarized Raman Spectroscopy in Highly Turbid Media," Advisor: Michael Morris.

Carol Roach, University of Delaware, for "Origin of Multiexponential Tryptophan Decay in Proteins," Advisor: Sharon Neal.



SAS Student Poster Award Winners receive awards with SAS President Jon Carnahan (left) and SAS Student Representative Michelle Meighan (right): left to right, Jeffrey Enders, John Frost, Mekhala Raghavan, and Carol Roach

NOVEMBER HISTORICAL EVENTS IN SPECTROSCOPY *by Leopold May* *Catholic University*

November 4, 1959

Fifty years ago on this date, the first meeting of the Eastern Analytical Symposium and Instrument Exhibit was held at the New Yorker Hotel, New York City.

November 18, 1916



Foil A. Miller, who was born on this date, is an Honorary Member of SAS. He does research on infrared spectroscopy and chemists and physicists on postage stamps.

President's Report
FACSS 2009
Jon Carnahan

It has been my pleasure to serve as SAS President over this past year. SAS has been an integral part of my professional life and it was my honor to be able to give back to the Society through this service.

This year saw a major transition for the journal. In July, Peter Griffiths took over the editorship of *Applied Spectroscopy*. He is being assisted quite ably by Editor Mike Blades with office assistance by LeNelle McInturff, continued composition editing by Rebecca Airmet, and a fine cadre of members of the Editorial Board. The transition went extremely smoothly thanks to the help of Joel Harris and Paul Farnsworth. Not a beat was missed and journal production continues to move forward seamlessly. I am looking forward to seeing the new and exciting things that may come from the journal in the future.

We continue to strengthen our relationships with both PittCon and FACSS. Thanks to the assistance of John Jackovitz, SAS once again ran SAS-organized symposia at PittCon. These symposia were organized by Debbie Bradshaw and John Chalmers. We look forward to continuing this new tradition at PittCon 2010 with symposia organized by Larry Nafie and Paul Farnsworth. We need to be sure to recruit future organizers and relevant topics so these symposia will be approved each year. In addition, and thanks to the efforts of Joel Harris, SAS will now be sponsoring a student poster session on Sunday at PittCon. Our efforts to expand our viability at FACSS have also continued and we are pleased to be sponsoring the first SAS Day at FACSS at this meeting. The response has been terrific and with any luck the success will lead us to future SAS Days at upcoming FACSS meetings.

We have renewed our relationship with OSA with a three year extension to our original contract to offer our journal to their subscribers. This has proven to be a financial success for SAS and has broadened the appeal of the journal.

The 2009 Tour Speaker program went very well. Plans for 2010 are already underway under the able helm of Joe Caruso. Speakers have been selected and sections will be able to schedule their tour in the near term.

The SAS membership voted positively this summer to change the name "local section" to "regional section" to further enhance our international standing. Thanks to John Chalmers for all his hard work in getting this through.

We are finally progressing with updating the Society's website. Despite numerous glitches, including a change in the programmers at the web company we are working with, we are now on track again. The web site should be functional by the end of the year.

Again, it has been my distinct pleasure to serve you as SAS president. Thank you to everyone who has helped make my job easier and for helping SAS continue to serve its members the best way possible. I wish Fred LaPlant much success next year as president and look forward to continuing my service to SAS.

EXECUTIVE COMMITTEE RETREAT AND BUSINESS MEETING MINUTES
RETREAT - SATURDAY, MARCH 7 (DUSABLE ROOM)
BUSINESS MEETING - SUNDAY, MARCH 8, 2009 (DUSABLE ROOM)
HYATT REGENCY CHICAGO, CHICAGO, ILLINOIS

Saturday, March 7, 2009 Retreat

4:00 p.m. Welcome (Minutes for Saturday were not taken, main issues were recorded by Bonnie Saylor, action items are referred to below where relevant)

- I. Membership Brainstorming Session
- II. Technical Sections – How Do We Get Them Functioning?
- III. SAS Web Site Update
- IV. Future Collaboration with Pittcon

Sunday, March 8, 2009 Business Meeting

8:30 a.m.

- I. Call To Order - Jon Carnahan

II. Roll Call - Tim Keiderling

President – Jon Carnahan - present

Past President - John Chalmers - present

President Elect – Fred LaPlant - present

Treasurer - Paul Bourassa - present

Secretary - Tim Keiderling - present

Newsletter Editor - David Butcher - present

Local and Technical Section Affairs Coordinator - David Heaps present



Membership Coordinator - Gloria Story present
Web Editor - Steve Bialkowski – not present
Journal Editor in Chief - Joel Harris - present
Student Representative - Michelle Meighan - present
Parliamentarian – Diane Perry – present later
Executive Director - Bonnie Saylor - present
Others Present
Journal Editor - Paul Farnsworth - present
A quorum was present

8:35 a.m.

III. Approval of Minutes from September 28, 2008 Executive Committee meeting. Approval moved Paul and seconded John , Approved

8:40 a.m.

IV. Reports

A. President Attached – Jon Carnahan reported that he was excited to be involved in the new activities coming up. And thanked John Chalmers for his continuing efforts on developing International membership. He noted changes coming in the summer with a new Editor of the Journal, Peter Griffiths, replacing the long time and high level of service from Editor in Chief Joel Harris and Editor, Paul Farnsworth. He similarly welcomed having Ed Macmillan selling advertising for us again.

B. Secretary Report Attached (minutes)

C. Treasurer Report Attached – Paul Bourassa reported that we were not audited, but numbers are doing well.

D. Executive Director Report Attached – Bonnie Saylor reported that membership and subscribers were up, but we are behind in renewals, An audit was scheduled for March 30.

E. Journal Editor Report Attached –

Joel Harris reported that focal point papers will be back up to 6 this year. He will transition out of office on July 1, but physical movement not relevant to operation of journal due to electronic manuscript processing. The rejection rate is rising, now at 44% reject-return. This was Joel's last Exec Comm meeting.

F. Newsletter Editor Report Attached – Dave Butcher reported the newsletter is going to start having ads, Ed is working on selling them, and it will go to 10 issues a year

G. Membership Coordinator Report Attached – Gloria Story reported that student members gained at FACSS, the Linkin page is helping. The Committee is planning a members day at Churchill Downs at FACSS (100 members - charge for guest), reservation will start soon. OSA proposal for joint membership was not recommended due to imbalance.

H. Web Editor Report Attached – Steve Bialkowski reported in absentia. Web Development, new site planned for operation May 1 – was discussed at some length during retreat (Jim deHaseth)

I. Student Representative Report Attached – Michelle Meighan reported success at FACSS student events and announced an event during Pittcon scheduled at a local Pizza place, Exchequer. Several student chapters are starting or planning sections.

J. Local/Technical Section Affairs Report Attached – David Heaps reported there are now 4 student chapters, which is a growth area. We will be moving on to increasing Technical section activities (issue from Retreat), and developing regional sections, like is being done in the UK

Acceptance Moved by Paul and seconded Fred , Approved

9:15 a.m.

V. National SAS Committee Reports

A. Awards Report Attached

B. Constitution and Bylaws Report Attached – Meggers Award committee needs to add Editor as member to balance areas, and get odd number, additionally they suggested name change of Graduate Student Award in honor of Barbara Stull (see new business).

C. Nominating Report Attached – We now have two President and two Secretary nominees (see new business)

D. Publications Report Attached

E. Publicity Report Attached

F. Tour Speaker Report Attached

G. Meggers Award Report Attached

H. Strock Award Report Attached

I. Fellows Committee Report Attached

J. Lippincott Award Report Attached

K. Tellers No Report

Acceptance Moved by John and seconded Paul , Approved

9:45 a.m.

VI. Delegate Report

A. FACSS Report Attached

B. Chemical Heritage Report - Not Presented

Acceptance Moved by Paul and seconded Fred , Approved

10:00 a.m. VII. Unfinished Business

A. Online Journal - Paul Farnsworth reported downloads have increased, and we are hoping to see increase in citation. Paul claimed numbers do not seem very reliable, especially those from OSA, and urges new Editors to push for more detail. He discussed top downloads for OSA and Ingenta. The Journal is becoming less attached to Society, due to on-line, makes selling it as a benefit less obvious to members.

B. Journal Publishing – Print vs Online. Fred LaPlant raised the question as to cost of printing on paper. Savings would be about a third of budget, but cost would be loss of ads—which currently pays for about half the cost of printing—and a loss of potential member benefits. Currently “on-line” is not widely accepted for our journal dissemination, since a larger percentage of members chose (80%) paper even with an extra charge.

C. Student Issues - Michelle Meighan suggested doing something at Pittcon beyond the social event, which is taken as positive. At the retreat the idea of a poster session, perhaps on Sunday with prizes and food was developed. Suggestion was made to grow this student event on the current poster/reception on Sunday, and involve Analytical Chem Div. as well.

D. Web Editor position – Candidates are needed for this Exec Comm member (3 year position). This person needs to have working knowledge of computer Web sites (technical awareness) and needs to post up data if needed by various parts of Society, but the new web site goal is that each section coordinator should be able to update his/her section with instruction. The Committee must develop a job description, statement of potential job load, and then we will seek nominees for the position.

Returned to this topic, interrupting New Business, when guests arrived later – 10:15

E. Applied Spec Ad Updates Ed MacMillan and Bill Cunningham. Report provided by Ed. He took over advertising a year ago, and we had a good year, 75% increase, 11 new advertisers. The Reader Survey helped demystify the market. Our 50th anniversary supplement big success, picked up some new vendors. On-line ads are coming. 2009 should hold at this level, growth might be tough. 2010 is really unknown. Big companies walking away from print ads, we are moving into unknown territory. Question: is stimulus money going to help? Smaller companies are holding OK from his view. At FACSS he will have ad renewal season going, and estimate year end numbers. He offered complaints about Ingenta related to customer service. He started a discussion of electronic publishing, noted we need a format to get ads live, with just a pdf format we will lose all ads. Need the ads to link to Websites of Advertiser. Joel suggest put A pages on line, has Ads and Whats New. This means Table Contents, Focus Articles, given away but it could increase traffic and citation. Allen Press knows how to use this. Ed was asked for a proposal to set this up with hotlinks to Ingenta site for papers. The current problem with Ingenta is registration. We could e-mail announce/link to membership. But make it available to whomever wanted it, and wanted to see the ads. Eventually link to the SAS site with abstracts would be good, and could have a membership page for sign up as well. Annual price increase for libraries, Bill suggest 2-7% is norm, higher increases catch problems. Most have some increase. Allen does a buyers guide to compare journal pricing.

10:00 a.m.

VIII. New Business

A. Membership and Subscription Fees for 2010 - Joel Harris, Bonnie Saylor. Question raised: should rates be increased gradually, but trying to partner with OSA-match their changes. No information from them yet. Sought permission to go up a maximum of 3%. OSA has >30% of library subscriptions as a bundle, which may hold better than individual SAS ones. TABLE initially, then Post discussion above with Allen Press (above). Paul Moved John sec that the subscription rate be increased by a max of 3% pending input from OSA. Pass Unanimously. Discuss if go for no increase in membership fee, or drop on-line only cost as a test. Paul move John second to decrease on-line membership fee by \$5. Pass unanimously.

B. Grad Student Award/Bylaw Vote - Bonnie Saylor. TAK move Paul second to adopt the recommendation of the ByLaws Committee (see attached). Pass unanimously. In this change, the SAS Graduate Student Award was renamed in honor of Barbara Stull Jon move Paul second to fund Barbara Stull's two daughters to the Louisville meeting for first presentation. Pass unanimously.

C. Membership Coordinator - Bonnie Saylor

Gloria Story is at the end of her term, and is willing to take on a new term, if appointed. Paul move John second Executive Committee recommend to the Governing Board that she be reappointed for a second 3 year term. Pass unanimously.

D. Voting on Awards All

Emeritus Membership – plaque and free membership for long time members

Paul move, Fred sec Nomination of Jack Fuchs for Emeritus membership be approved. Pass unanimously.

John move, Fred sec Nomination of Robert MacDonald for Emeritus membership be approved. Pass unanimously.

Distinguish service— plaque and free membership for long time members

Jon move, Paul sec Nomination of Joel Harris for Distinguished Service Award be approved. Pass unanimously.

Jon move, Paul sec Nomination of Paul Farnsworth for Distinguished Service Award be approved. Pass unanimously.

Honorary membership— plaque and free membership for long time members, automatically a fellow

Paul move, TAK sec Nomination of Geraldine Richmond for Honorary Membership be approved. Pass unanimously.

Fellows Fred move Paul second that we approve the recommendations of the Fellows committee be accepted with the provision that all are members at time of the presentation of the award. Pass unanimously.

E. Voting on Officer Nominations All—to take office Jan 2010

Paul move Fred second acceptance of nominating committee recommendations for President-elect (Curt Marcott and Debbie Bradshaw) and Secretary-elect (Katherine Bakeev and Augustus Way Fountain) to be voted on this summer by the society.

F. Other opportunities for special issues/supplements-Discussion

Wilks symposium might be an opportunity, or every so often have an anniversary issue.

Special issue of commemorate selected people, typically this will use an article summarizing work and articles dedicated to that person by others. Problem is one of finding time and content.

Special issue could be created by use of some content we already have, Meggars or most cited, question of print or alternate version.

Maybe use anniversaries to help generate some interest at various levels

Referred to Publications committee

12:00 p.m. Working Lunch - open discussion

John trying to get SAS speakers in Europe, he is coordinating it. International visitors coming to US, SAS could try to coordinate with Tour Speaker Committee. Add student sections to the Tour Speaker distribution list. Have students help out at FACSS – especially Reno with transport information/ambassador. Recommended that we consider several student registrations to cover part of booth time, which can get them involved in SAS, low cost even if work load low. Suggested that we have games of finding various aspects (vendor, member, etc) of meeting, get some prize—probably work better at FACSS—refer to student affairs

2:00 p.m. Adjourn. Paul move, Fred second, passed unanimously 12:48

TREASURER'S REPORT

	2009 Final Budget	2009 as of Sept 23	% Used	Projections Until Year End	Total Inc/Exp Projected	2010 Proposed Budget
REVENUES						
Education Programs	\$0	\$0	0.00 %	\$0	\$0	\$0
Focal Point Book	\$300	\$22	7.33 %	\$0	\$22	\$50
Member Dues	\$119,000	\$121,589	102 %	\$1,000	\$122,589	\$122,000
Journal Income	\$665,000	\$685,310	103 %	\$40,000	\$725,310	\$738,000
Chapter Income	\$500	\$0	0.00 %	\$0	\$0	\$500
General Contributions	\$4,500	\$5,640	125.3 %	\$0	\$5,640	\$4,500
Investment Income	\$28,000	\$1,119	4.00 %	\$1,000	\$2,119	\$5,000
Miscellaneous Income	\$2,000	\$6,188	309.4 %	\$0	\$6,188	\$3,000
Total Revenue	\$819,300	819,867	100.1 %	\$42,000	\$861,867	\$873,050
EXPENSES						
Salaries	\$161,000	\$107,948	67.05 %	\$53,000	\$160,949	\$260,000
Payroll Taxes	\$12,000	\$8,375	69.80 %	\$3,000	\$11,376	\$17,000
Personnel Benefits	\$2,000	\$163	8.15 %	\$600	\$763	\$4,000
Executive Committee	\$38,000	\$19,502	51.32 %	\$19,000	\$38,501	\$38,000
Governing Board	\$1,300	\$0	0.00 %	\$1,300	\$1,300	\$1,300
Membership Committee	\$1,000	\$539	53.91 %	\$500	\$1,039	\$1,000
Other Committees	\$1,000	\$754	75.36 %	\$700	\$1,454	\$1,000
Journal	\$420,000	\$288,005	68.57 %	\$145,000	\$433,005	\$355,200
Newsletter	\$1,000	\$500	50.00 %	\$500	\$1,000	\$1,000
Internet Services	\$15,000	\$3,149	20.99 %	\$11,000	\$14,149	\$10,000
Member Services	\$15,000	\$14,835	98.90 %	\$1,000	\$15,835	\$25,000
Awards	\$25,000	\$3,979	15.92 %	\$21,000	\$24,979	\$25,000
Sections	\$15,000	\$1,577	10.52 %	\$12,000	\$13,577	\$10,000
Conferences	\$8,000	\$3,704	46.31 %	\$4,000	\$7,705	\$8,000
Member Acquisition/Retention	\$15,000	\$1,577	10.52 %	\$12,000	\$13,577	\$10,000
Society Office	\$90,000	\$54,072	60.08 %	\$20,000	\$74,072	\$90,500
Financing Expenses	\$5,000	\$3,432	68.64 %	\$2,000	\$5,432	\$5,000
Depreciation Expenses	\$5,000	\$2,232	44.65 %	\$2,500	\$4,733	\$5,000
Total Expenses	\$830,300	\$515,554	62.09 %	\$300,100	\$815,654	\$872,000
NET ORDINARY INCOME	-\$11,000	\$304,313	-2766 %	-\$258,100	\$46,213	\$1,050
OTHER INCOME/EXPENSE						
Chapter Distribution Add Back	-\$12,500	\$0	0.00 %	-\$12,500	\$0	-\$12,500
Total Other Expenses	-\$12,500	\$0	0.00 %	-\$12,500	-\$12,500	-\$12,500
Net Other Income	\$12,500	\$0	0.00 %	\$12,500	\$12,500	\$12,500
NET INCOME	-\$11,000	\$304,313	-2766 %	\$258,100	\$46,213	\$1,050

Executive Director's Report
Bonnie Saylor
October 2009

Membership

2009 to date: 1619

This time last year: 1624

Membership Breakdown USA 1364 International 255

Academic Non-Student 2009: 379 Student 227 Non-Academic 1013

Academic Non-Student 2008: 393 Student 206 Non-Academic 1090

Total New Members for 2009 131

Total New Members for 2008 158

Total New Members for 2007 276

Total New Members for 2006 161

Total New Members for 2005 205

Total Not Renewed for 2009: 307

2009 Registered for Online Access 734

2008 Registered for Online Access 782

2007 Registered for Online Access 511

2006 Registered for Online Access 512

2005 Registered for Online Access 467

2004 Registered for Online Access 419

2003 Registered for Online Access 441

2002 Registered for Online Access 415

2001 Registered for Online Access 325

Total enrolled in Regional Section 2009 1022

Total enrolled in Regional Section 2008 726

Total enrolled in Regional Section 2007 793

Total enrolled in Regional Section 2006 889

Total enrolled in Regional Section 2005 1139

Total enrolled in Regional Section 2004 1351

Total enrolled in Regional Section 2003 1987

Total enrolled in Technical Section 2009 767

Total enrolled in Technical Section 2008 747

Total enrolled in Technical Section 2007 779

Total enrolled in Technical Section 2006 902

Total enrolled in Technical Section 2005 824

Total enrolled in Technical Section 2004 771

Total enrolled in Technical Section 2003 405

Total Paid for Extra Section 2009 131

Total Paid for Extra Section 2008 142

Total Paid for Extra Section 2007 96

Total Paid for Extra Section 2006 72

Total Paid for Extra Section 2005 65

Total Paid for Extra Section 2004 89

Total Paid for Extra Section 2003: 73

Report to the SAS Executive Committee and Governing Board

Peter R. Griffiths, Journal Editor

September 25, 2009

Applied Spectroscopy has run smoothly since the last Governing Board meeting in October, 2008, despite the change in editors, several associate editors and many of the editorial board. On July 1, I took over from Joel Harris as Editor-in-Chief, Mike Blades has taken over from Paul Farnsworth as Editor, and LeNelle McInturff has taken over from Jenny Jensen as the journal's Editorial Assistant. LeNelle and I spent a very productive two days with Jenny and Joel in June learning the ropes and the transition was remarkably seamless. The new associate editors are David Hahn, John Kalivas, Rich Mendelsohn, Yuki Ozaki and Zhong-Qun Tian, with Neil Everall remaining; several of them have all served already as associate editors for some new submissions and reviewers. Katherine Bakeev, Arne Bengtson, Antonio Carlos Bento, Rohit Bhargava, Paul Farnsworth, Naoki Furuta, Kathy Gough, David Griffith, Pavel Matousek, Jurgen Popp, Rick Russo and John Wright joined the Editorial Advisory Board. Max Diem, Detlef Gunther, Katrin Kneipp, Carol Korzeniewski, Bernhard Lendl, Curt Marcott, Larry Nafie and Mike Pelletier will continue on the Editorial Board. This group of top-quality scientists represents many of the important spectroscopic disciplines and the geographical regions from which most of our

manuscripts are submitted. Enormous thanks are due to the people who served previously. Besides Joel and Paul and others who moved into other editorial roles, these were José Broekaert, Bonner Denton, Ted Eyring and Hiro-o Hamaguchi (Associate Editors) and Robin Garrell, Akbar Montaser, Mike Morris, John Olesik and Jeanne Pemberton (Editorial Advisory Board.)

In 2008, 1 accelerated paper, 174 regular articles, 14 spectroscopic technique papers, 12 Notes, and 6 Focal-Point articles were published. The total number of articles printed was 207, which is not significantly different from the previous four years (see table at the end of this report.) The number of manuscripts received for review was 356, which represents an increase of 40 from the average of the previous four years, indicating the continuing vigilance of the editors and reviewers in requiring that papers be of excellent quality. The rejection rate for *Applied Spectroscopy* increased to 44% in 2008, a figure that is consistent with top quality journals.

Comparisons with previous year's statistics are included on the attached table. Although the number of Focal Point review articles published increased to six last year, no Focal Point articles were published for the first half of 2009. However, Focal Point articles will be published in the September, November and December issues, thanks to the efforts of the Focal Point Editors, Ben Smith and Rina Dukor. The number of review articles has a significant effect on the Impact factor of the journal and it is important that at least six Focal Point articles should be published each year. To this end, I have asked John Chalmers to join Rina and Ben as a Focal Point Editor and he has agreed to do so. With John's influence, I hope that we will increase the number of European authors writing Focal Point articles. Suggestions for new topics and authors from any member of the Society are always welcome.

The value of the Impact Factor (*IF*) is internationally regarded as a measure of the quality of a scientific journal. The *IF* is a measure of the frequency with which the "average article" in a journal has been cited in a particular year. The Impact Factor for 2008 is determined by the ratio of the number of citations in 2008 to articles published in *Applied Spectroscopy* in 2007 and 2006 (835) to the number of articles published in those years (405). Thus the *IF* for 2008 was 2.062. This number indicates a gradual increase from previous years (1.902 for 2007, 1.879 in 2006, 1.868 in 2005, and 1.848 in 2004.) (These data were taken from ISI's *Journal Citation Reports*.)

However, the Impact factor is still significantly lower than the values for more specialized spectroscopic journals, such as the *Journal of Raman Spectroscopy* and the *Journal of Analytical Atomic Spectroscopy*. Stimulated by an important letter from Pavel Matousek, the Associate Editors and members of the Editorial Board are looking into ways of increasing the *IF* above 2.5.

Despite the relatively low Impact Factor, the articles in *Applied Spectroscopy* do have immediate impact as reflected in *Citation Reports'* Immediacy Index of 0.208. This index indicates that 20% of the articles in the journal are cited during the same year in which they are published. The citation half-life of the journal is currently 8.1 years. This metric means that scientists continue referring to our papers for many years following publication.

The two biggest problems that I have encountered in the 3+ months that I have been Editor-in-Chief of the journal have been getting top-quality scientists to agree to review more than one or two papers a year and actually receiving reviews within one month of the manuscript being sent out. There is also a problem in getting uniformly well thought out reviews, especially from scientists in developing nations. For example, the journal is receiving a greatly increased number of high-quality manuscripts from mainland China, but the quality of the reviews from this country is not always high. I believe that it is unfair to bombard scientists in the more developed nations in North America and Europe with manuscripts but have not yet come up with a better approach. Again, any suggestions as to how to ameliorate this situation would be greatly appreciated.

As noted by Joel Harris in his report for the EC meeting at Pittcon 2009, the production costs for the journal are staying below budget thanks to continued aggressive management of manuscript quality, length, and color page costs, along with control of error costs in proofs, figures, and production, thanks in large part to our Production and Composition Editor, Rebecca Airmet. Rebecca provides format-marked manuscripts electronically to Allen Press including equations, so that the papers are effectively typeset by her. This system allows a short time period between manuscript acceptance and print publication, currently only 2 months for regular articles in the journal. This speed puts *Applied Spectroscopy* in the category of a rapid-communication journal, even for our regular articles. Accelerated papers can appear in print within 5 weeks after acceptance. Allentrack, the electronic manuscript submission, reviewing, and tracking system at Allen Press, has also been running well.

There are few complaints, and we receive a number of compliments from authors and reviewers alike. Response from Allen Press is outstanding. As an example, I requested that a place should be added to the manuscript submission web page where authors can include the names of up to four potential reviewers. This was added ONE DAY after I made the request!

Thanks to the efficient efforts of the Meggers Committee chair, Pavel Matousek, and his committee, the 2008 Meggers Award paper was selected and is "A New Method for the Time-Resolved Analysis of Structure and Orientation: Polarization modulation infrared structural absorbance spectroscopy" by Yongri Liang, Damien Mauran, Robert Prud'homme and Christian Pellerin of the University of Montreal {Appl. Spectrosc., 62(9), 941-947}. Christian Pellerin will give a plenary talk at FACSS on this work and the paper is being recognized in a symposium at FACSS.

Our initiative for developing cooperative publication arrangements with the Optical Society of America (bundling of our library subscriptions, addition of *Applied Spectroscopy* to OSA's InfoBase web collection of OSA journals) became effective January, 2007. In

2007, we totaled 68,248 full-text PDF downloads of articles from *Applied Spectroscopy* through InfoBase. This number exceeded the 51,427 full-text article downloads that were provided through Ingenta that year. Since then, OSA distinguishes between "filtered" and "unfiltered" downloads. The "filtered" numbers have the activity of the OSA staff, Google Scholar, and CrossRef removed. (In the past, only unfiltered activity was reported.) In 2008, there were 63,148 filtered and 171,764 unfiltered downloads. Between January 1 and August 1 there were 41,893 (62,840) filtered and 80,265 (120,400) unfiltered downloads. (The numbers in parentheses are the estimated numbers for the entire year of 2009.) One reason the 2008 "unfiltered" downloads are so high is that OSA output new indexing files for Google throughout the year, and there are a large number of *Applied Spectroscopy* backfiles. Scott Dineen (Deputy Senior Director of Publications for OSA), who supplied me with this information, noted that *Applied Spectroscopy* papers have become an important part of their *Virtual Journal for Biomedical Optics*. More than 10% of VJBO content has been from *Applied Spectroscopy* this year (accounting for 67 of VJBO's 659 articles published Jan-July). The reach of *Applied Spectroscopy* is being expanded, primarily through OSA's consortia sales efforts for Optics InfoBase (IB), as can be seen from the following statistics, the trend of which is expected by OSA to continue through 2010.

Year	IB consortia participants	Single site IB subscribers	Total
2008	486	87	573
2009	661	111	772

In 2008, our OSA-hosted article downloads have nearly doubled from last year's rate, totaling 63,148, compared with 48,370 delivered by Ingenta over the same period. OSA is more than doubling the electronic distribution of our content. This increased readership should improve our impact and citation statistics in the future; it should also bring more manuscript submissions to the journal.

APPLIED SPECTROSCOPY ANNUAL STATISTICS

	2003	2004	2005	2006	2007	2008	Est 2009*
Focal Point Articles	4	4	1	4	2	6	3
Accelerated Articles	7	2	2	2	2	1	4
Regular Articles	190	190	178	183	175	174	165
Spectroscopic Techniques	11	6	7	14	11	14	13
Feature Articles	0	1	2	1	1	12	8
Notes	22	15	11	4	6	0	0
Correspondence	2	2	0	2	0	0	0
Total articles printed	236	220	201	210	197	207	193
Rejected manuscripts	59	35	50	63	50	65	50
Returned manuscripts	23	43	30	54	75	90	63
Total rejected & returned	82	78	80	117	125	155	113
Papers received for review	315	298	292	321	352	356	323
Total A-pages	364	362	308	344	292	362	348
Total manuscript pages	1642	1536	1590	1526	1442	1430	1447

*Note: Except for the number of Focal Point Articles (which are known exactly), the 2009 data are estimated by taking the data for the January through September, 2009 issues and multiplying by 1.33.

Newsletter Editor's Report

David Butcher

August 2, 2009

Six issues of the newsletter have been published since our last report, as detailed in the table below. They have focused on the SAS Members Benefit Day at FACSS 2009, the receipt of the 2009 Craver Award by Takeshi Hasegawa, SAS Activities at Pittcon, the upcoming FACSS Conference, a spectroscopic instrument exhibit at the Chemical Heritage Foundation Museum, and the election of John McElderry as SAS Student Representative.

Ed MacMillan and I have included our first advertisement in the Newsletter, which we have been running beginning with the March issue.

Issue	Topic
February 2009	SAS Members Day at the Races!
March 2009	Takeshi Hasegawa to Receive 2009 Craver Award
April 2009	SAS Activities at Pittcon 2009 in Chicago
May 2009	FACSS 2009 in Louisville October 18 – 22
June 2009	Spectroscopic Instruments at the Chemical Heritage Foundation Museum
August 2009	John-David McElderry is Elected SAS Student Representative

Society for Applied Spectroscopy Web Editor's Report
September 30, 2009
Stephen Bialkowski)

There have been no major changes to the web site since the last report. I have been performing routine maintenance of the Society's web site. This includes meeting posts, updating membership forms, society news, checking and verifying links, updating the Corporate Sponsor lists, links, and logos, and performing miscellaneous tasks such as deleting old content.

Web extensions have been broken for a while. The internet service provider was contacted several times over the past year. The solution was not found with their suggestions. I subsequently programmed some of the dynamic functions using cgi scripts instead of the Microsoft web extensions.

The web use tracker indicates no major changes to the SAS web site access. But access has declined since a high in October, 2005 when 144 different persons accessed the site. The average over the last ~5 years is 77 accesses per month. Last month the SAS web was accessed 57 times. Although I have no data to indicate why, I suspect that there are more competing web sites as time goes on. 60.38% of the web site access has been from within the United States. This is followed by Europe and then Asia. The main European countries are UK (3.1%), Germany (2.77%), France (1.52%) and Netherlands (0.99%). The major Asian countries accessing the SAS site are Japan (5.05%), Iran (1.54%), China (1.35%), Taiwan (1.13%), and India (0.91%).

Membership Coordinator's Report
September 2009
Gloria Story

The membership committee met during PittCon 2009 on Tuesday, March 10th (7:30 to 9:00 AM, Hyatt Regency Chicago – Dusable Room); those in attendance were Michelle Meighan, Mike Carrabba, Pavel Matousek, Bonnie Saylor, Debbie Bradshaw, John Chalmers, Fred LaPlant, Jon Carnahan, David Heaps, David Butcher, Paul Bourassa, and Gloria Story. The agenda included a review of the plans for the "Day at the Races" members-only event at FACSS 2009 (Bonnie and Debbie), an update on our new UK regional section (Pavel), and a progress report on our new website (Jim de Haseth sent a report).

Day at the Races Members-only Event: This will be a free event for the first 100 members to sign up with bus transportation from the hotel (10:45 AM) to the Triple Crown room at Churchill Downs, a 3- hour buffet (noon to 3) of sandwiches, salads, and side dishes, 4- hour open bar (noon to 4), and horse racing programs (a member may pay for a guest to attend, as space permits). The size of the party was determined by the venue as well as costs. An initial email test of the members revealed over 70 members is interested. FACSS has accommodated our event by organizing meetings as well as the Sunday mixer/poster session around our timing. Advertising to members was accomplished via the membership email list (Victor), the Spectrum Newsletter (David), flyers at SAS and Coblentz 2009 PittCon booths, as well as the FACSS 2009 preliminary program.

UK Regional Section: Pavel reported that work on creating our new section is moving forward. There are several hurdles to address on how to handle financial and indemnity issues outside the US. Some adjustments to procedures and the Constitution and Bylaws may be in order to facilitate creating a non- US SAS section. The work done now (led by Bonnie, Pavel, Paul, and David H.), will be a major step forward for the Society in increasing our active membership in the UK and pave the way for other non-US regional sections.

Our New Website: Jim provided a progress report on our new website design. Each member of the Society will have a profile that they can edit (addresses, email, passwords, etc.). If the cost can be kept reasonable, the ability to pay online is planned. Access to the Member Directory will be handled with permissions set by the administrator and it will be searchable by several category types. Information about current and past officers, committee members, and award winners will also be available. The Membership committee looks forward to being beta testers.

Previously reported, our chair-elect, Fred LaPlant, established our latest member benefit, a SAS members only group within the cyber space world of "**LinkedIn**". As of this writing, there are 242 linked members. There have been some memorable discussions on new SAS t-shirt designs, the rationale behind descriptions of IR and Raman band intensities, and the passing of a dear member, colleague, and friend, Bill Fateley. That is a discussion you want to check out. Mike Epstein posted a URL with some great photos, including the infamous grass skirt costume at the Anaheim FACSS meeting. Contact Fred to get "linked".



I would like to welcome my **new committee members**, Tina Battaglia and Mary Kate Donais, and thank Mike Carrabba and Pavel Matousek for their service. Mike's excellent membership drives at the FACSS vendor opening mixers has been terrific and Pavel's efforts to pave the way for our first non-US regional section has been outstanding! Our outgoing student rep, Michelle Meighan, has done a wonderful job and I thank her for all her great ideas. The good news is she'll be working with David Heaps in Local Section Affairs, so she'll still be on the team! I look forward to working with our newly-elected student rep, John-David McElderry. Welcome John-David!

SAS Student Representative Report **Michelle Meighan** **Fall 2009**

The SAS values the development of its student members, and this support is demonstrated by the plethora of activities available for students. For example, this past March in Chicago at Pittcon 2009, SAS hosted a student event at Exchequer Pizza Parlor. There was a great turnout—nearly 30 students attended from several different universities. Some of the students even attended from international universities. It was a terrific opportunity for the students to network with one another and members of the Executive Committee. Additionally, the informal atmosphere allows students to openly express opinions and give suggestions to improve upon the events, as well as enables EC members to continue to generate excitement about starting student chapters.

An exciting new development for Pittcon is the introduction of an SAS Sunday night poster session, similar to the event at FACSS. It is very exciting to have the opportunity to have another student-oriented event, especially at a conference as large as Pittcon, which many students have noted how easy it is to "get lost in the crowd."

In addition, FACSS always presents several opportunities for students to develop both professionally and personally. SAS is hosting its student poster competition Sunday night, October 18, to both encourage interaction among students and to reward exceptional research. SAS is also holding its Monday night student event at Fourth Street Live. This venue provides a relaxed atmosphere to engage students of different schools as well as introduce them to some members of the Society. Again, it also acts as an excellent forum to promote our student chapters.

SAS student chapters are also developing well as several universities are proceeding with the establishment of their own chapters. The Arizona State University chapter was able to bring in SAS tour speaker Dr. Franz Geiger to conclude the 2008-2009 academic year, and the group has some other exciting events planned for the upcoming academic year.

Finally, I would like to thank everyone who has contributed to making my tenure as student representative a success. First, to Bonnie Saylor who has truly been helping me every step of the way to make all of the student events a success. Thanks also to Victor Hutchinson for all of his support and help, especially in distributing all of the event flyers. I would also like to thank the 2008 and 2009 SAS Executive Committees, especially presidents John Chalmers and Jon Carnahan, for all of their support, as well as Dave Heaps, who has been instrumental in the success of the new student chapters. In addition, I would like to thank Mike Carrabba for all of his efforts in recruiting and generating sponsors for students at the FACSS opening reception. I truly appreciate everyone's support and encouragement, and I wish the best of luck to John-David during his term.

Report of the SAS Awards Committee **FACSS 2009**

Nancy L. Jestel, Karen Esmonde-White, and John F. Jackovitz

The awards committee has selected Larissa Finn and Arindam Ganguly as the winners of the 2009 Graduate Student Awards. We had an excellent and large group of candidates to consider and the choices were not easy. We would have loved to give more than two awards this year. The list of candidates was impressive and overall their work is as worthy as the two winners. We independently considered and weighted many factors. Each committee member found many strong candidates. We examined the scope, difficulty, and novelty of each research problem and its potential impact, the research vision and probability that the student's work will serve as a foundation for future work or open a new arena, a general assessment of each student's overall demonstrated abilities, and their presentation and publication records, including the quality of the journal or venue, the magnitude of the work, and the number of communications. The strength of the recommendation letters and the writer's relationship to the student also were considered. While it was helpful to see leadership skills and community service orientation, these were not heavily weighted for an award focused on outstanding research in spectroscopy. With Arindam Ganguly and Larissa Finn, we felt that their research was not only thorough, but will have a large impact on their fields. They showed remarkable energy in getting their work into print and making oral presentations at significant meetings. They demonstrated energy and independent thinking in pursuing their research goals. While they might not have been the clear winners in each criterion given the strength of the applicant pool, taken collectively, Larissa and Arindam were the strongest candidates. Each committee member independently placed them near or at the top of their list. Though it took us several passes to narrow our lists, we had little trouble reaching agreement.

Congratulations to the winners and the other excellent nominees.



**SAS Constitution and Bylaws Committee Report
FACSS 2009
John Chalmers, Chair; Fred LaPlant; Gary Rayson**

The Constitution and Bylaws Committee has, at this time, no changes to the SAS Constitution and Bylaws to recommend to the EC or Gov Bd. All bylaws and constitutional changes proposed to the membership via the SAS election this past summer passed. The Committee will report again in January 2010.

**SAS Nominating Committee Interim Report
FACSS 2009
John Chalmers, Chair; Katherine Bakeev; Jessica Jarman; Mark Hayes; Gregory Webster**

The Nominating Committee has two nominees for the position of Treasurer to take office in January 2011. These are: Paul N. Bourassa and Geoffrey N. Coleman.

The Nominating Committee is still seeking two nominees for the position of President - Elect 2011.

**SAS Publications Committee Report
Fall 2009
Larry Nafie, Publications Committee Chair**

At Pittcon 2009 in Chicago last March, Joel Harris, Editor-in-Chief, and Paul Farnsworth, Editor, submitted and presented their last reports on the status of *Applied Spectroscopy* to the Publications Committee and turned the leadership of the journal over to Peter Griffiths, the new Editor-in-Chief, and Michael Blades, Editor. The official transition of authority for the journal took place on July 1, 2009. There have been a series of e-mail exchanges, initiated by Pavel Matousek, regarding issues to be considered for increasing the quality and impact of *Applied Spectroscopy*. These discussions will be continued at upcoming meetings of the Editorial Board and the Publications Committee at FACSS 2009 in Louisville, Kentucky.

**SAS Publicity Committee Report
31 August 2009
Prepared by Chad Leverette (Chair)**

The Publicity Committee did not meet at PITTCON this past Spring. Communication between committee members occurred this summer through e - mail exchanges. We will not be able to meet at FACSS due to the fact that all committee members will not be present. The committee has decided to hold a conference call later in the Fall to further discuss ways to publicize SAS.

The committee, at this point, is interested in seeing if the Members - Only event that is planned for FACSS 2009 is a successful strategy for publicizing the Society and attracting new members. We also hope to gauge how effective the FACSS website is in publicizing SAS to conference attendees.

To date, our committee has one suggestion that we would like the Executive Committee to consider.

(1) Publicize the Society and the journal to researchers who are using spectroscopy in very specialized disciplines where spectroscopy is not the focus.

(A) This could be accomplished by placing advertisements in conference program books for meetings where spectroscopy is not a focus (such as bio - or medical - oriented conferences where attendees may be using spectroscopy for certain applications).

(B) Sponsoring a focused symposium at FACSS or PITTCON and inviting noted speakers in these very specialized fields, with expertise in areas other than spectroscopy, to describe their work and how they use spectroscopy or vice versa (holding an applied spectroscopy symposium at a specialized research conference).

One of our committee members recently made a job switch between two specialized research fields and realized that he had many co-workers in his new position that were using spectroscopy but were not familiar with SAS or our journal. These researchers were not "trained" as spectroscopists, but rather worked on projects that required the use of spectroscopy in innovative ways. In this specific case, these scientists were typically publishing in more biology - related journals and attended more specialized medical conferences focused on that particular research niche. The goal of this approach is to target scientists that have expertise in other areas, but who are users of spectroscopy, in order to enlighten them about the benefits of our Society and our journal.

**SAS Tour Speaker Report
FACSS 2009
Joe Caruso**

Potential Speakers:

Julian Tyson, University of Massachusetts
Partha Basu, Duquesne University
Steve Ray, Indiana University
Zoltan Mester, National Research Council of Canada
George Agnes, Simon Fraser University
Jack Creed, U.S. EPA
Vahid Majidi, FBI
Ken Marcus, Clemson University
Ralph Sturgeon, National Research Council of Canada

Applied Spectroscopy William F. Meggers Award Committee Report **Pavel Matousek, Chair** **Fall 2009**

The following paper is the recipient of 2009 Meggers Award: "A New Method for the Time-Resolved Analysis of Structure and Orientation: Polarization Modulation Infrared Structural Absorbance Spectroscopy"

Authors: YONGRI LIANG, DAMIEN MAURAN, ROBERT E. PRUD'HOMME, CHRISTIAN PELLERIN
pp 941-947, Issue 9, Volume 62, 2008.

The award will be presented at FACSS 2009 in Louisville, KY.

Tellers' Committee Report **FACSS 2009**

Curis Marcott was elected to be President-Elect. Katherine Bakeev was elected Secretary. Mary Kate Donais, Mark Drury, Pavel Matousek, Lynne Taylor, and Sandra Thompson were elected as voting members of the SAS Governing Board. The three proposed changes to the SAS Constitution were approved.

Fellows Committee Report **Fall 2009** **Alan Marshall, Chair**

On behalf of this years SAS Fellows Nominating Committee, I hereby submit the following list of 12 recommended candidates. They have already been confirmed that all are current members of SAS. We look forward to the completion of the nomination process.

Mark A. Arnold, Frank V. Bright, Joe Caruso, Edward Eyring, Joseph Gardella, Tim Keiderling, Katrin Kneipp, Yukihiro Ozaki, Curtis Marcott, Oliver Mullins, Steven Soper, Isiah Warner

Poehlman Award for 2009

The Cleveland section of the Society for Applied Spectroscopy is the 2009 winner of the Poehlman Award. This section has displayed a diverse amount of activity in the scientific community ranging from monthly section meetings containing various topics to promotion of spectroscopy and science in the community. One of the things that has set this section apart from others is the involvement with students, not only in graduate school, but also in their presentations to younger students to help promote spectroscopy for the future. The "Spectroscopy for Kids" presentations are an excellent example of this by encouraging future spectroscopists or scientists. The Cleveland section has collaborated with other organization sections to put together a joint conference that contains a variety of scientific topics, as well as a venue to help students explore science career possibilities. It was a very difficult choice because all the candidates were highly deserving of the award. We encourage the sections that submitted applications this year to submit again next year. Hopefully, we will see even more sections strive for the Poehlman Award in the future.

Report to SAS Executive Committee **Ed MacMillan, Allen Press Advertising Sales** **September 2009**

2009 has been another good year for Applied Spectroscopy advertising sales.

Many factors have contributed to this, these include:

- We built on the hard work from 08
- Even more investment in the sales department at Allen Press
- Building on the marketing we did on 08

Although all of this helped bring in more revenue the most important factor was the emphasis placed on *Applied Spectroscopy* by the sales department. This journal is an outstanding example of a journal that not only emphasizes relevant cutting edge research but one that does this in a relevant inclusive manor.

Below are the advertising revenue numbers to date. Note since November and December are not closed these may change hence the *italics*.

2008-2009 Net Revenue	2008	2009	As %age of 2008
Quarter 1	\$34,783.25	\$56,685.43	39 %
Quarter 2	\$27,428.03	\$51,214.41	46 %
Quarter 3	\$45,163.84	\$57,237.41	21 %
Quarter 4	\$65,874.21	\$57,433.21	- 13 %
Total Contracted Revenue	\$173,249.33	\$222,570.46	28 %
Projected Net Revenue	\$180,000	\$222,570.46	24 %

Our goal as reported to the executive committee last March was to capitalize on the gains made in 2008. As you can see we not only did this but have increased the number by about 28%. Considering the economy is in recession and print advertising is well down across the board, this was no mean feat.

Also, this year we did not have the additional 50th anniversary supplement which meant we were down \$20,000 from last year (taking the \$20k out we were well above our numbers for all quarters).

In conclusion the print and online advertising sales are now on a sound footing. Many of the companies who ran in 2008 ran again in 2009 (see table below). Having begun selling contracts into 2010 it would appear we should be able to once more renew the majority and slightly increase rates over last year. I would however caution that we cannot be complacent and may need to adjust things as we go. With this word of caution I am predicting a good year with modest growth. More will be known in the next 2 months and a fuller report of 2009 projecting into 2010 will be forthcoming at PITTCON.

Here is a list of new and returning advertisers for 2009:

New Companies: Returning Companies:

Cobalt Light Systems
Thermo Fisher
Bruker

Returning Companies

GE – Glass Expansion
EMF
Rare Light
Princeton Instruments
Starna Cells
Kaiser
ABB Analytic
CDI Pharma
Fibre Photonics
Ocean Optics
BioTools
McPherson
ICL
Amptek
B&W Tek
BaySpec
DeltaNu (Intevac)
Enwave
Hellma
Horiba
Infrared Analysis
Opotek
Pike
Remspec
Renishaw
Shimadzu

As regards what 2010 will hold there is still a lot of uncertainty in the air so it will be hard to know till at least the end of Q1. I am looking forward to the launch of the new website and would expect a little bump in online revenue over 09.

**Report to SAS on FACSS meetings attended during the
PittCon meeting in Chicago, 7 March - 12 March, 2009.
John Chalmers, Jon Carnahan, Fred LePlant
October 2009.**

During the PittCon meeting in Chicago, the following FACSS organizational meetings were attended:

1. FACSS Long range planning (LRP), Sunday 8 March, 15:00-17:00
2. FACSS Planning committee meeting, Monday 9 March, 10:30-12:00.
3. FACSS Governing Board (GB) Meeting, Thursday 2 October, 12:00-14:30.

1. Some outcomes/comments/notes from the LRP Committee meeting:

1. Membership & Topics: FACSS is still looking closely at expanding its member societies/interest groups. As part of its aim to grow 'Separation Science' involvement, two gradient electrophoresis sessions will be introduced in Louisville (2009). Two LIBS sessions will also feature. There will be a 'new' session on Quantum Cascade Lasers.

2. Finances: FACSS considers itself financially sound at the moment, with reserves sufficient enough to meet the commitments for a last-minute cancellation of a future meeting.

3. Students: Very positive feedback had been received from the student community attending the Reno meeting (Fall 2008) that they were housed in the main conference hotel with the regular delegates, and that the social (Gala) event was all inclusive in the registration. This added to their feeling of being "a part of the meeting" and their ability to interact both formally and informally with the regular delegates. FACSS should bear this in mind for future meetings. There was some small discussion about the use of 'surplus funds' for subsidising students in the conference hotel. It was commented also that for 4-hours of help time 'student volunteers' can gain a complimentary registration. The details are on the FACSS web site, see: https://facss.org/facss/conference_students.php, they read:

4. STUDENT VOLUNTEERS: We are looking for student volunteers at the FACSS Conference. In exchange for 4 hours of your time, you can receive a complimentary conference registration. Call the FACSS Office at (505) 820-1648 if you would like to help or email facss@facss.org

5. Maybe this is something that could be usefully brought to the attention of any SAS students intending to attend FACSS?

6. Site selection: The plan for future meetings is:

2009 Louisville

2010 Raleigh

2011 Reno

2012 Kansas City

2013 "wild card"

2014 Reno (with let-out clause if 2011 proves 'disappointing')

FACSS feels more comfortable now with taking a chance ("wild card") on a venue every 3-5 years, and one venue mentioned was Puerto Rico, venues in Canada were mentioned also for this slot.

7. LRP committee structure: There was some discussion about the LRP, its structure and its role; the LRP committee has been in operation now for about 3-5 years, during which time it had added harmony and value as enabling "more healthy conferences", "adjusting the roles of EC members", and "removing conflicts". Maybe the real role of the LRP should now become more 'visionary'; at the next meeting (FACSS 2009) it was proposed that a pre-Governing Board meeting be held to discuss this issue.

8. Renaming of the Conference: Again there was some considerable discussion around this, since the meeting was now 35 years old, but the conference had never actually been named! Many suggestions had been proposed, but none as yet had sparked wide enthusiasm; whatever is chosen, say, for example, "*Analytical Sciences*", this will be followed by "*brought to you by FACSS*". The rebranding must be inclusive and attract widely chromatographers, electrochemists, as well as spectroscopists, and it should be seen to be 'international'. There was some discussion as to whether FACSS should use a marketing company to suggest an inclusive name/rebrand.

9. Surplus: The 'surplus fund' (see previous reports) was ca. 100,000 USD. Some concern was expressed about allocating this surplus for use to member societies during the current global economic crisis. Further discussion was held over until the GB meeting later in the week.

2. Notes from the Planning Committee Meetings:

Louisville (2009):

1. The social event will again be an all-inclusive Gala; its theme will reflect the Kentucky Derby.

2. With the economic downturn, the meeting will seek to retain quality, but be responsible if suffering because of the economic situation. Generally, budgeting had been fairly frugal, so hopefully all will be OK. There is however significant concern on exhibitor and delegate numbers.

3. The program will feature 70-72 technical sessions.

Raleigh (2010):

1. Dave Butcher, the General Chair, noted that in recent years FACSS attendance had been about 850, with 15-20% international, and ca. 20% 'local'. Dave felt locally there was a large pool of potential delegates, so he would also promote this also as a 'local event'

2. The venue will be the Raleigh Convention Centre; the hotel will be the adjoining Marriott hotel. It is ca. a 45 USD cab ride from the airport to the hotel (about 10-15 miles). There is also a super-shuttle service. There was some discussion about the possibility of laying on a shuttle service for delegates at peak times on Sunday and Thursday.

3. Society for Applied Spectroscopy (SAS) would like to host a lunch for its Meggers Award speakers.

3. Notes from the GB Meeting:

(This does not include items already covered above, unless additional facts are relevant.)

1. The nominees following were elected:

- a. GB Chair (2012-2013) Ian Lewis
- b. General Chair (2011) Greg Klunder
- c. Program Chair (2011) Pavel Matousek
- d. Secretary (2010-2011) Chris Palmer
- e. Treasurer (2010-2012) Scott McGeorge

2. The GB Chair, Gary Brewer, reported on a successful FACSS 2008 meeting in Reno, at which there were 835 attendees, which was good considering the state of the economy (Memphis 2007 had 857). New sessions on Archaeometry, VCD, and Food Forensics had featured and been well attended. There were 82 participants in the workshops (62 in Memphis). A surplus of around 75,000 USD was anticipated. Two particular concerns were: (i) the need to address the significant number of 'no-show' poster presenters each year, and (ii) the need for section chairs to be more disciplined in keeping to the scheduled times. FACSS short course cost have been expensive by comparison with EAS and IFPAC. The surplus from the meeting is expected to be ca. 75,000 USD. (Budget was ca. 25,000 USD).

3. The Treasurer reported that the finances were in good shape. The 5-year average running costs of a FACSS meeting is ca. 360,000 USD. There was then some considerable discussion and argument about the disbursement of the *Surplus Fund* to FACSS' member societies, see previous reports, most particularly about whether, because of the current global economic crisis, now was an optimum time for this to happen. It was raised that the liabilities that FACSS should consider was not just the cost of one cancelled meeting but contractual costs for venues booked beyond that.

Postponement for one year was tabled. A majority vote opted for postponing a decision about the allocation of the surplus fund until FACSS' next meeting in Louisville later in 2009, at which a reassessment of its full liabilities will be discussed, the Reno meeting accounts will have been audited, and the actual effect of the economic downturn may be better evident. Next meeting, attrition measures in place: the Exhibit Chair expressed key concerns for 2009, and had scaled back space, but held room for expansion, and the hotel room block has already been reduced. The Raleigh (2010) budget has been set at -0.4%.

The next FACSS GB meeting will take place in Thursday 22 October 2009 during the FACSS 2009 meeting in Louisville.

Minutes of the Twentieth Heritage Council Meeting

Held at Chemical Heritage Foundation in Philadelphia on

2 April 2009

These notes summarize the discussions, decisions, and action items made during the twentieth Heritage Council meeting on 2 April 2009 and were prepared by Bob Kenworthy of CHF. The meeting was held from 10:30A.M. – 3:40 P.M. with a break for lunch.

MEETING ATTENDEES:

Affiliate Representatives/Members-at-Large/Observers:

- David S. Alcorn, Vice-chair - Member-at-Large
 Gary D. Anderson – Alpha Chi Sigma Fraternity
 John P. Baltrus – The Pittsburgh Conference
 Emmerson Bowes – Royal Society of Chemistry
 Kathryn Bullock – Electrochemical Society
 Stuart Churchill – Member-at-Large
 Roger Egolf - HIST
 Gerald Gallwas – Member-at-Large
 Ernest Gilmont – Société de Chimie Industrielle (American Section)
 Michael Grayson – American Society for Mass Spectrometry
 L. Louis Hegedus – National Academy of Engineering (Observer)
 Ned D. Heindel – Member-at-Large
 W. Richard Howe – Member-at-Large
 Sheldon E. Isakoff – Member-at-Large
 Joseph Pilaro – Société de Chimie Industrielle (American Section)
 Herbert Pratt – American Association of Textile Chemists and Colorists
 Jeffrey I. Seeman, Chair – Member-at-Large
 John B. Sharkey – ACS
 Jack H. Stocker – ACS
 T. Kevin Swift – American Chemistry Council
 Barry L. Tarmy - AIChE

Guests

Phillip Rakita – Bolton Society

Chemical Heritage Foundation Staff:

Thomas Tritton, Kara Mitzel, Sarah Reisert, Ron Reynolds, Rick Sherman, Bob Kenworthy



Twentieth Meeting of the Heritage Council of the Chemical Heritage Foundation

2 April 2009 10:30am – 3:30pm

Franklin Rooms I & II – Conference Center

Agenda

10:30 am – 12:30 pm Heritage Council Meeting for Introductions, Reports, and Other Business as Appropriate in the Franklin Rooms I and II

10:30 am Round Table Introduction and Reports

- Bolton Society
- Joseph Priestley Society
- Instrument and Artifacts Committee
- Membership Committee
- Nominating Committee

11:15 am Approval of 7 November 2008 Meeting Minutes

11:20 am President's Report

Outcome: An opportunity for the Heritage Council members to learn about current programs as well as the financial situation facing CHF. This will provide insight about the economic context at CHF that will be helpful for the afternoon discussion about fund raising.

12:30 pm – 1:30 pm Lunch in the Dow Public Square

1:30 pm – 3:30 pm Heritage Council Meeting for Subject of the Day in the Franklin Rooms I and II

1:30 pm Workshop on Fund Raising conducted by Kara Mitzel, Director of Development and Rick Sherman, Director of Advancement at CHF.

Outcome #1: An opportunity for the Heritage Council to hear an overview of development characteristics of comparable institutions.

Description: CHF has no direct competitors, but we share some common characteristics with colleges and universities, libraries and museums, and teaching hospitals. We will provide an overview explaining how and why different development shops invest their resources.

Outcome #2: An opportunity for the Heritage Council to hear an overview of CHF's development office

Description: CHF borrows from the best practices of other non-profits, but we have a unique organizational structure to address our unique needs. We will show who is doing what in development at CHF, how we successfully completed our last campaign, and what we need to launch and complete our next campaign. We will conclude by explaining the rationale behind the questions we would like the Heritage Council to help us address:

Question 1: Who do you think would be most likely to be willing to donate to CHF (i.e. chemistry department professors emeritus, retired CEOs)?

Question 2: What sources of information might exist (i.e. industry publications, awards, online communities) that CHF could use to find our next donor base?

Question 3: CHF has formed the Robert Boyle Society to create a loyalty society of donors capable and committed to giving annual gifts of \$1,000 and up. We would like to expand the Boyle Society so that it raises approximately \$1 Million annually for CHF and reflects in its membership the diverse demographics of fields related to chemistry. We also seek to expand our annual fund to raise a similar amount in unrestricted gifts to help meet the operating budget. How can the HC help us grow the Robert Boyle Society and the annual fund?

Question 4: If your organization conducts fund-raising, how might they cooperate with CHF in ways that would mutually benefit both organizations?

2:00 pm Breakout Sessions to address questions on Fund Raising

2:45 pm Breakout groups report back to HC on their conclusions with the following outcomes:

Outcome #1: A list of those most likely to be willing to donate to CHF (i.e. chemistry department professors emeritus, retired CEOs).

Outcome #2: A list of sources of information CHF can mine to expand our donor base.

Outcome #3: Ideas that could expand Boyle Society acquisitions.

Outcome #4: A list of organizations with fund-raising arms to create an informal group of fund-raising professionals working to advance chemistry.

Outcome #5: For organizations that conduct fund-raising, ways might they cooperate with CHF that would mutually benefit both organizations. A list of fund-raising strategies that would be mutually beneficial.

Outcome #6 (entire group): A list of HC volunteers who would be willing to assist the CHF Development team by forwarding the names of potential donors, signing appeal letters, or introducing us to high-level networks.

3:30 pm Heritage Council Meeting Adjourns

Welcome and Opening Remarks

Chair, Jeffrey Seeman, welcomed all to the meeting, presented his thoughts about the nature of the Heritage Council and hopes for future, he explained the development of the meeting topic, outlined the plan for the day, and asked for self introduction around the room. Committee reports were also given at this time. In addition to the established committee reports, Jeff asked for the involvement of those members of the Heritage Council who have been involved since the early days of CHF to form a history focused group. These members include Ned Heindel, Shelley Isakoff, Stuart Churchill, Ernest Gilmont, and Barry Tarmy.

Introductions and Reports

Kathryn Bullock commented that in her presentation about CHF to the Electrochemical Society that they were unaware of the CHF Web Site and the educational resource represented there. She encouraged CHF to promote better this resource. A general discussion of how to promote CHF and its web site ensued. It was agreed that cross-linking web sites was a good first step. Bob Kenworthy pointed



out that CHF provides links to the home page of all Affiliates. Working with the outreach group at CHF was also suggested and will be pursued outside this meeting. Heritage Council members were asked to contact the appropriate individuals in their organizations to link CHF to the Affiliate's site.

John Baltrus noted that the Pittsburgh Conference will be coming to Philadelphia in 2013. This will represent a significant outreach opportunity. Mike Grayson noted that ASMS will be in Philadelphia in June of this year.

Membership and Nominating Committees

There was no report needed from the Membership and Nominating Committees at this time.

Bolton Society

Ned Heindel gave a brief report for the Bolton Society focused on their involvement in future conferences and symposia. A vote of thanks for years of service as Chief Bibliophile was given to Herb Pratt.

Joseph Priestley Society

The Joseph Priestley Society report was given in writing with the materials sent in advance to the HC for this meeting.

Instrument and Artifact Committee (HCIAC)

Mike Grayson, who replaced Jerry Gallwas as chair at their meeting yesterday, reported on the HCIAC activities and their meeting.

Since the gallery is now open and the work of the HCIAC directed toward this opening is finished, the committee is working with a draft of a new mission statement "To support the CHF in the creation of a repository of all things related to the history of chemistry, with emphasis on instrumentation in the period beginning with the electronic revolution." The primary focus of the HCIAC remains the collection of instrumentation. There was also a discussion at the meeting about the deaccession of duplicate instrumentation and how they could help the collections group at CHF in making these decisions. Expansion beyond the current scope (American) of the equipment collection to European and Asian items was also discussed. A vote of thanks for years of service as the chair of the HCIAC was given to Jerry Gallwas.

Approval of Minutes

The Minutes from the 7 November 2008 meeting were approved unanimously.

President's Report – Thomas Tritton

Tom Tritton reported to the group about the results of the planning process that was undertaken in his first year at CHF. He then gave the group a look back over the past year and a look at what is expected for the future. Included in this report was a presentation of the operating budget of CHF (attached). A significant discussion about the circumstances facing CHF then ensued. Several helpful suggestions were brought forward.

Subject of the Day – Workshop on Fundraising

Kara Mitzel and Rick Sherman made a short presentation about the technology of fund raising and development to the group and following questions, the group broke into smaller groups to discuss separate questions as follows:

Group #1 (Emmerson Bowes, Gerry Gallwas, Ernest Gilmont, Louis Hegedus, Joe Pilaro, Phil Rakita)

– Who do you think would be most likely to be willing to donate to CHF (i.e. chemistry department professors emeritus, retired CEOs)?

The group focused on the development of "membership" in CHF, not for representation; such as, ACS or AIChE, but for support; like, The Smithsonian, National Geographic Society, the Metropolitan Opera, etc. There would be both individual and corporate memberships. The group then developed the following outline of the value proposition for CHF:

- Chemical Heritage Magazine
- Free Meeting Participation
- Free Joseph Priestley Society Meeting Participation
- Deeper Web Site Access
- Tax Deductible
- Individual Memberships via Corporate Memberships
- Student Memberships
- Subscription Services via ACS, AIChE, IUPAC, etc.
- Networking Opportunities via CHF Involvement; for example, a CHF based reception at an ACS or AIChE meeting.

In a subsequent email, Emmerson Bowes pointed out that the most likely path for success would be to "go to where the money is". He elaborated, that what he is suggesting is that the marketing and public relations departments of industrial companies that are heavily dependent on chemistry (not just "chemical companies") pay for the telling of the stories about their companies and that CHF can be a resource to these folk. The full text of his email has been passed on to Kara Mitzel and Rick Sherman for consideration.

Group #2 (Mike Grayson, Richard Howe, Marvin Margoshes, Kevin Swift, Barry Tarmy, Richard Ulrych, George Vincent) – What sources of information might exist (i.e. industry publications, awards, online communities) that CHF could use to find our next donor base?

The list of information sources and potential actions for CHF to consider developed by the group was the following:

- Magazine subscription list swapping with others
- Selective increase CHF presence at conferences
- Interchange between fellows at CHF and fellows at Affiliate Organizations
- Connection to local and regional (not just national) organizations
- Trade press exposure
- Ad placement on web sites
- Utilize "One Source" to develop names
- "Company Days"



- Improved matching gift compliance
- Follow promotion news in the trade journals
- Tracking of awardees in various disciplines
- Tracking of social networking websites; such as, LinkedIn, etc.
- Review Journals

Group #3 (David Alcorn, Gary Anderson) – How can the Heritage Council help CHF grow the Robert Boyle Society and the annual fund?

The group identified the following issues that need to be addressed:

- What is the Robert Boyle Society? How is it different? There needs to be a good message to the donors.
- Are there any perks associated with Boyle Society membership?
- Get help for the Joseph Priestley Society leadership in identifying potential Boyle Society donors AND give JPS leadership feedback on results.
- Is there any pre-Boyle development sequence?
- Can targeted giving be allowed without creating an unmanageable number of restricted funds and/or bookkeeping issues?

Group #4 (John Baltrus, Kathryn Bullock, Roger Egoft, Ned Heindel, Sheldon Isakoff, Herb Pratt, John Sharkey, Jack Stocker) – If your organization conducts fund-raising, how might they cooperate with CHF in ways that would mutually benefit both organizations?

The group came up with the following recommendations in this area:

- In order to cooperate with other organizations, CHF has to offer something

1. Teaching materials
 2. Outreach to minority populations
 3. Public image and policy accounts
- Benefit to CHF may mean advertising to attract interest
 - Everything has to be done at the highest organizational level
 - Ask for donations to cover the cost of the magazine
 - Consider web emails for new members for a fee
 - Get other groups to link to the CHF web site
 - Help smaller societies

Jeff Seeman then requested that anyone who personally wants to assist CHF Development team directly to identify him or herself to that team.

Other Business

Jeff Seeman then presented to the group a bulletin that the PA Historical and ... are thinking about withdrawing support for the Joseph Priestley House. He requested that PA residents write to try to forestall this action. Material will be developed for the affiliates to use and can be requested from Bob Kenworthy

Adjournment

The Heritage Council meeting adjourned at 3:40pm

Planned Dates for Future Heritage Council meetings are:

Thursday, 15 October 2009

Thursday, 8 April 2010

Thursday, 14 October 2010