

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



March/April, 2008

SAS ACTIVITIES AT PITTCON 2008 IN NEW ORLEANS

SAS STUDENT EVENT AT LUCY'S RETIRED SURFER BAR

SAS Student Members enjoyed a special event in New Orleans on March 3 organized by SAS Student Representative Michelle Meighan.



SPECIAL SAS SYMPOSIA AT PITTCON 2008

Two special symposia were held at Pittcon 2008: "50 Years of SAS – Looking to the Future with Atomic Spectrometry" and "50 Years of SAS – Looking to the Future with Vibrational Spectroscopy." The former session, organized by Debbie Bradshaw, discussed the role of atomic spectroscopy to fulfill expectations and needs of the laboratory in years to come. The latter, organized by Chris Hassell and presided over by Rina Dukor, considered basic and applied research in infrared and Raman spectroscopy, as well major developments in chemicals, biosciences, medicine, and imaging. The organizers and speakers are shown in the photographs below.

SAS RECEPTION CELEBRATED 50th ANNIVERSARY

The Society hosted a special reception for the symposium participants, attendees, and SAS members to commemorate the 50th anniversary of SAS. SAS President John Chalmers served as the master of ceremonies for this event.



SAS recognized the president of the Spectroscopy Society of Pittsburgh, Mitch Johnson, and the Pittcon 2008 President, John Varine, for their support of the 50th Anniversary Celebration of SAS.



Six female former presidents of SAS were in attendance with SAS Executive Director Bonnie Saylor (left to right): Robin Garrell, Nancy Miller-Ihli, Kathryn Kalasinski, Rina Dukor, Rachel Barbour, Rebecca Dittmar, Executive Director Bonnie Saylor.



SAS POSTERS CELEBRATED 50th ANNIVERSARY

Marvin Margoshes worked with Leopold May to prepare a special poster presented at Pittcon commemorating the history of SAS. Leopold May worked with Bruce Chase, Peter Griffiths, and Joel Harris to create a poster that included a selection of Ground-Breaking Papers from Applied Spectroscopy at the SAS reception held at Pittcon. Here is photograph of Marvin (left) being recognized with Jonathan Carnahan, SAS President Elect. Electronic copies of these documents are available as pdf files at <http://s-a-s.org/Spectrum/>.



Atomic Spectroscopy Organizer and Participants (left to right): Front row – Paul Farnsworth and Bonner Denton; Back row – Debbie Bradshaw (Organizer), Gary Hieftje, Jose Broekaert, and Kay Niemax.



Vibrational Spectroscopy Organizers and Participants (left to right): Front Row – Rina Dukor (President), Peter Griffiths; Middle Row – Chris Hassell (Organizer), Ira Levin, Neil Everall; Back row: Curtis Marcott, Bruce Chase.

REPORTS TO THE EXECUTIVE COMMITTEE

| | |
|----------------------------------|----|
| President's Report | 2 |
| Secretary's Report | 2 |
| Executive Director's Report | 5 |
| Treasurer's Report | 6 |
| Journal Editor's Report | 7 |
| Newsletter Editor's Report | 7 |
| Web Editor's Report | 8 |
| Membership Coordinator's Report | 8 |
| Student Rep. Report | 8 |
| Local Section Committee Report | 9 |
| Lippincott Award Report | 9 |
| William F. Meggers' Award Report | 10 |
| Nominating Committee Report | 10 |
| Publicity Committee Report | 10 |
| Awards Committee Report | 10 |
| Lester Strock Award Report | 10 |
| FACSS Delegate Report | 10 |
| CHF Delegate Report | 11 |
| SAS Tour Speaker Report | 12 |
| Additional Photos | 12 |
| Results of Member Survey | 13 |

Comments to butcherATemail.wcu.edu

PRESIDENT'S REPORT
JOHN CHALMERS
FEBRUARY 2008

Following in the footsteps of so many notable past Presidents of the Society for Applied Spectroscopy is a daunting enough task, but being granted this honour as the first non-resident North American also in the Society's 50th celebration year is doubly scary and challenging! I feel a huge sense of special honour and responsibility to be in this position, and very much hope that my *Europeanness* will somehow serve to enhance the global aims and influence of the Society. Squeezed between Jim de Haseth, as Past President, and Jon Carnahan, as President-Elect, is also especially daunting, but it is both a privilege and comforting too, since I know both will be very helpful, and I hope I can pave the way for some of the undoubted energy, enthusiasm and skills Jon will bring to the post in 2009. Jim leaves an equally difficult 'legacy' too to follow; notable, among Jim's many achievements, has been his work and influence towards developing the Society's web site. I would, of course, not even have contemplated allowing myself to be put in this position if I did not know that behind me, continually supplying willing support, advice, guidance, etc., as to keeping me and the Society on the correct path are Bonnie, Victor and Barbara - the SAS office. Not only do they keep the Society running and on course, they keep me on track too!

As President-Elect in 2007, for me, two of the most memorable events occurred on opposite sides of the Atlantic. The first was the pizza dinner and quiz for students that Lacey Averett, our Student Representative, organized at Pittcon 2007; this was an event I thoroughly enjoyed! Lacey did a tremendous job during her term of office in promoting the Society and membership of it to students, and I look forward very much to supporting Michele Meighan in her efforts to build on Lacey's 'legacy'. We should all promote the very high value to cost ratio that student membership of the Society offers, particularly now the Society's on-line web Employment Centre, sorry Center(!), is now well and truly established. The other event was the first appearance of a SAS Tour Speaker program within Europe, which was very successfully built around a sabbatical leave of one of the Society's Honorary Members, Professor Peter Griffiths. I hope very much we can build, in Europe, on this successful launch and make it a regular annual event; it should serve to both enhance awareness of SAS and hopefully recruit new student members from within Europe.

I eagerly await the arrival in early in 2008 of the fruits of, now Past-President, Jim de Haseth's considerations and work towards developing a Society web site more appropriate and interactive to the needs of members in the 21st century. One of the advances introduced by the Society in 2008 will be that of allowing rolling membership, whereby new members will be offered membership for a year from the month they join, and not, as in the past, only from January through December.

A major challenge in 2008 for the Executive Committee will be ensuring that the 50th celebratory year of SAS is highly noteworthy. Excellent progress has already been made through the two SAS-sponsored special symposia being organized at Pittcon by Debbie Bradshaw (Atomic Spectroscopy) and Chris Hassell (Vibrational Spectroscopy); appropriately, these symposia have the theme 50 years of SAS: Looking to the Future. Also, Marvin Margoshes and Ben Smith are preparing a 50th Anniversary history (of SAS) poster. After the two special symposia at Pittcon, SAS will host a reception to mark

its 50th year; I am sure its traditional reception later in the year at FACSS will also be a time for marked celebration!

The Society's web-master (Stephen Bialkowski) and journal gurus (Joel Harris and Paul Farnsworth) and their Associate Editors around the world continue to provide exemplary visual fronts for the Society, while perhaps more behind the scenes, but nonetheless outstanding contributions have been made by members of the Publicity, Local Section Affairs, Awards, Membership, Nominating, Tour Speaker, Fellows, and Long Range Planning Committees.

As with many scientific societies and groups, one of the Society's biggest challenges is to retain its current members while attracting new members, and it is my opinion that many opportunities for the latter exist outside of its traditional recruitment areas. And, it is with this hope, that 2008 sees a U.K. member, Caroline Rodger, joining the Local Section affairs committee, which is coordinated by David Heaps. This in accord with one of Jim's messages from last year of: bringing new volunteers to Society offices and committees, and a main one of mine, of hopefully expanding the Society's influence and presence beyond its traditional heartland. In a similar vein, Pavel Matousek from the U.K., who was in 2007 the Society's International Delegate-at-large, will now work alongside Gloria Story (coordinator) on the Society's Membership Committee. Within the EC and Constitutional Affairs and Bylaws Committee, we need to consider how to optimally update some of our terminology (e.g. 'International' and 'Local') to better accommodate differences in organizational set-ups, continental boundaries, language and cultures to facilitate and enthuse others to come into the Society.

I sincerely acknowledge and very much appreciate the efforts of all members of the Executive Committee and all the Society's other Committees, and the success and stability these bring to the Society for Applied Spectroscopy.

I look forward to working with everyone on the SAS Committees during the remainder of 2008 and hope they will all help this Brit make it an outstandingly successful 50th Anniversary year for the Society!
Help make 2008 a great SAS 50th year!

EXECUTIVE COMMITTEE MEETING AGENDA

SUNDAY, OCTOBER 14, 2007

MEMPHIS MARRIOTT, MEMPHIS, TN

Chattanooga ROOM

BUSINESS MEETING SUNDAY, OCTOBER 14

I. Call to Order --- President, James de Haseth

II. Roll Call --- Secretary, Timothy Keiderling

President - James de Haseth - present

President Elect - John Chalmers - present

Past President - Rebecca Dittmar - present

Treasurer - Chris Hassell - present

Secretary - Tim Keiderling - present

Newsletter Editor - David Butcher - present

Membership Coordinator - Gloria Story present

Web Editor - Steve Bialkowski - present

Journal Editor in Chief - Joel Harris - present

Student Representative - Lacey Averett - present

Parliamentarian - Brandye Smith-Goettler - present

Executive Director - Bonnie Saylor - present

Others Present

Journal Editor - Paul Farnsworth - present

Local and Technical Section Affairs Coordinator - David Heaps -

present in afternoon

President Elect —Jon Carnahan
Treasurer Elect -- Paul Bourassa -- General Chairman for FACSS
Memphis
Student Representative - Michelle Meighan
A quorum was present

III. Approval of Minutes from February 24, 2007 Executive Committee Meeting

Minutes attached. Motion to approval by John, seconded by Chris.

IV. Guest Presentation by Mike Carrabba on future FACSS locations.

Chicago was ruled out, due to room cost being too high in selected hotels. Problem is we do not use enough hotel space to get good discounts and dates are also a problem for Chicago. A comparison was presented of Atlanta, Hartford, Raleigh, and Providence.

- Atlanta tier 1 city, ease of travel, price great (considering), coffee price is considered a good measure overall, higher than the others.
- Hartford originally looked best, but in end not, concern due to escalating bid.
- Raleigh is in midst of construction; offer is very good, since pre-opening enticement.
- Providence—good experience previously, but low attendance, hotel high due to demand/space issues.

Discussion:

Package deals are based on room-nights, FACSS gets other things free, but trade off. Some discussion of overlap with EAS, felt different market—better exhibit, less audience for talks Atlanta has alternate hotels, walking distance—risk of losing hotel bookings. Raleigh is a good deal for all. Mike will ask governing board to give 1st and 2nd option, better for negotiation. Mike asked to think about 2011, then he will leave the position. Exhibit space needed for 20,000 ft². We will try to use ballrooms since saves money Comment about students not finding space: Students need to use precise methods laid out in the meeting instructions for less expensive rooms

V. Reports

A. President Report Presented (Jim de Haseth)

Recognize Bonnie, Becky, John for support, Journal major success, SAS more involved in FACSS, 3 members very involved: Becky, Curt, Jessica Jarman. Fellows program getting going. Membership remains issue, and we are working on it. 50th anniversary plans looking very good

B. Secretary Report Attached (minutes) (Tim Keiderling)

C. Treasurer Report Presented (Chris Hassell)

Budget is on track. Journal income is doing well. Significant deficiency issue is an IRS rule for auditors. It requires separation of duties which is a problem for small offices. It was suggested all checks be cleared with Treasurer is over a certain amount. Member Education activity not been different than zero for years—we should modify the budget to show that. Awards will increase for 50th anniversary

D. Executive Director Report Attached (Bonnie Saylor)

Down in members—renewal method questioned, go back to paper for second notice. Subscribers are up due to OSA link. Local sections continue to struggle. Job target is an on line employment service that works better than old service.

E. Journal Editor Attached (Joel Harris)

Things go smoothly with production and review time. Electronic downloads from OSA are comparable to Ingenta, so total near double, pleased with reception due to the joint effort. Citations are ~1.9 per article, good but needs improvement. Goals for March

are moving, online option, move supplementary material to Ingenta, posting preprint ~1 month early. Honoraria for Focal Point not yet implemented, these Articles are low this year, needs reinvigoration. F. Newsletter Editor Report Attached (David Butcher)

The report was reviewed. Press releases with Bonnie also going out.

G. Membership Committee Chair Report Attached (Gloria Story)

Officially change title from Membership Education. Worked on Web Site and got some direct feedback from members. To increase membership—we must determine and enumerate benefits—need to focus on marketing. Suggested a meeting of members to build membership. John feels we should define benefits for non-US members (outside the journal)

H. Web Editor Attached (from Stephen Bialkowski)

The website has operated as in the past; job listing no longer free. Journal is taking some of the previous Web traffic, since content now on Ingenta. RSS list of titles is still available plus Yahoo current Spectroscopy titles (news features)

I. Membership Coordinator Report Attached (Gloria Story—see G, change status)

J. Student Representative Report Attached (Lacey Averett)

Student Pizza reception worked well at PittConn. Trying to get students chapters going. FACSS will have poster session and student presentation on Tuesday. Monday will be sponsor free memberships, one to award winner. Stepping down, to Michelle Meighan new coordinator, committee thanked for her work Becky made motion, John seconded to accept Reports.

VI. National SAS Committee Reports

A. Awards Report Attached (Mary Carrabba, Chair, Julian Tyson, Marvin Margoshes)

Gary Dobbs, Georgia Institute of Technology, announced as 2007 SAS Graduate Student Award. Nominations are being taken for Honorary and Distinguished Membership. Suggestion was made that the committee get these as electronic submission and they include papers as well as CV (both electronic).

B Constitution and Bylaws No Report

Comment: Constitution changes proposed last year were passed. Education to Membership, Local Section Affairs on the EC C. Local and Technical Section Affairs Report Attached (Dave Heaps Chair)

New York section is this year's Poehlman Award winner, recognized for re-invigorating a local section.

D. Nominating No Report—not reported at FACSS.

E. Publications Report Attached (Curt Marcott, Publications Committee Chair)

Use of a figure from Appl Spec will be charged \$10/figure in scholarly work, expect it to be a minor income issue for the future. Website discussion moved to new business

F. Publicity Report Attached (David Butcher)

Chris Hassell and Debbie Bradshaw thanked for help with 50th anniversary stuff. Committee needs an EC member on it for continuity. Piedmont section did some travel awards for students and will do this in 2008.

G. Tour Speaker Report Attached (Joe Sneddon)

6 speakers, 12 talks in last year. Addendum (Peter Griffiths—International Tour) - 6 talks International Students who won a prize at one session, were given memberships. Trip was successful, discussion raised an issue of how to pay to join SAS. John will arrange further International talks

H. Meggers Award Report Attached (Chair Doug Elmore)—See Joel report

Award to Ryan D. Pensack, Bozena B. Michniak, David J. Moore, Richard Mendelsohn, for "Infrared Kinetic/Structural Studies of Barrier Reformation in Intact Stratum Corneum Following Thermal Perturbation" Applied Spectroscopy Vol 60, Number 12 p 1399.

I. Strock Award Report Attached (John Olesik)

The award was presented to Detlef Gunther, from ETH Zurich - world leader in the area of laser ablation sampling with ICP-MS detection.

J. Lippincott Award Report Attached

2007 Ellis R. Lippincott Award to Dr. Jonathan Tennyson, Professor and Head of the Department of Physics at University College London "For his contributions to theory and simulations of rotational-vibrational spectra of small molecules and applications for practical purposes". The award will be presented at Christmas meeting of IRDG in Britain

K. Tellers Report Attached

President-Elect: Jon Carnahan was elected.

Treasurer: Paul Bourassa was elected.

L. Fellows Report Attached (Jim Winefordner, SAS Chair of Fellows Committee)

Committee recommended 7 scientists to be 2007 SAS Fellows: Ed Yeung, Mike Morris, Kay Niemax, Sandy Asher, Ramon Barnes, Sam Houk, Jeannete Grasselli-Brown, and Marvin Margoshes.

M. Long Range Planning Report was postponed to new business. Becky made motion, Tim seconded acceptance of reports. The motion passed.

VII. Delegate Reports

A. FACSS Report Attached (Becky)

Discussion include with unfinished business

B. Chemical Heritage Report Attached (David S. Trimble SAS Delegate, Chemical Heritage Foundation)

Jim de Haseth attended, and felt it was a very good session, strongly encouraged the SAS President to attend and represent SAS. Becky moved to file, Tim seconded the motion. The motion passed

VIII. Unfinished Business

A. Applied Spectroscopy Ad Updates -- Bill Cunningham, Allen Press, distributed report of advertising summary—efforts short of goals. Surveyed handout on advertisers since 2004, lost ad space big market, but these companies want buyer profile, to assure good buy. Bill has developed a member survey. Exec Committee supported its being sent out with shorter form, but cautioned about low response, but agreed it has important value in advertising. Companies use feedback on inquiries to gauge effectiveness of ads. EC advised that purchasing power of members is high. Joel pointed out Journal already targets companies' products in Experimental Sections of the research papers, suggested using this to sell to companies as the special link. Also important is that papers bring out new uses. Bill was encouraged to think beyond paper advertising, since most readers of journal are electronic. Bill made statement that he is committed to turn this around in 2008. Observe there has been a turn down since 2005. Committee urged SAS members to provide him with missing companies to contact.

B. Membership issues, International Delegate at Large—Pavel Matousek

Need to decrease the barrier to join—if the differential registration for an event were larger than membership fee, then organization might pay for it. This is barrier for students.

Increase attractiveness of membership—most attractive component is currently the Journal. Access to early view for members only might be a benefit. It now exists about 1 month early. Issue is that

Applied Spec is known, but SAS and FACSS are not known outside the US. Suggest having sessions invite one speaker outside US who has not been here. New areas of spectroscopy should be highlighted.

Modify constitution to allow looser association with national societies might be useful for increasing visibility. There apparently can be problems of dealing with Constitutions and Bylaws in other organizations, and the question was raised if SAS would need them in the other organization. This might be an issue of the tax laws.

It was suggested that Pavel be a member of the Membership Committee with Gloria. It was suggested that SAS sponsor sessions at International meetings —ICORS, ICAVS, European meetings?

Rename this membership from International Member to European, Asian, North American, etc. Member was discussed. The idea was to avoid any sense of auxiliary or second class membership. Jon Carnahan suggested pushing development of student members by providing membership with FACSS registration for first time, also the poster session benefit of membership should continue with company support. We should try to develop sponsorship.

C. Online Journal -- Paul Farnsworth

On-line downloads had a big spike, probably due to Google. Pay per view dropped, due to getting only half the amount from OSA. Total amounts are small. Ingenta is putting on page numbers, but charge us \$8000.

Advertising—discussed possibilities with Ingenta. Three different possibilities, House ads, Google Ad sense and Dakota, the latter target ads to readers based on scan, could total up to \$2000/month income.

Becky made a motion that Chris seconded for Paul to investigate building an advertising agreement with Ingenta.

D. Web Page –General Discussion, report Jim de Haseth

Jim reported that the original idea to go with a designer selected at Pittcon could not do the enhancements that we wanted for enrolling on line (store features), and could not address maintenance of site issues, now handled by Steve. There are now tools to do these sorts of things, once we have design. Relatively easy to induce new pages and update by entering content to a form.

Steve--Web server now can offer some services along these lines, monthly fee. Steve advocated a separate server (transparent to user) that takes on "store" aspects. Jim wanted a system we can update by distributed members who take care of a part of the society—decentralize. Big thing is that this makes it an integrated task. Bonnie—will it serve a member restricted section, and have online payment-- Yes, it is pre-engineered in some respect. Becky pointed out that we agree we at this, but want to be assured it will work for our purposes. Chris wants to distinguish the design verses function, and Jim says we have the design, and now need functionality to implement it.

Becky made a motion that John seconded (amended by Tim, Chris sec) that: Jim get quote for meeting this goal (functionalize the available design), and Jim return to the EC via e-mail for authority to go ahead.—pass as amended below

E. Technical Sections --Dave Heaps

Report: Discussed Poehman award to New York section. Experience in Baltimore-Washington was people come but do not take leadership role, so it is difficult to organize meetings.

Current focus is on building International sections.

Discussion centered on technical sections and local sections. Work is in progress to assist the sections.

Student sections may offer a new opportunity. Startup money also can help. Need guidelines for developing Bylaws. But local nature is critical, gets people together.

Paul Bourassa suggested some sort of traveling structure to keep it alive, especially large geographical section, with low density.

F. Local and technical section affairs-- Bonnie Saylor

Bonnie report that Constitution change puts Local and Technical Section Affairs Coordinator on the Board. Now it needs a Coordinator.

Jim made a motion that Chris seconded that Dave Heaps be nominated to be Local and technical section Affairs Coordinator. The motion passed and nomination now goes to the Governing Board.

G. FACSS Location --Becky Dittmar report as FACSS governing board/All discussed

She will take our opinions to FACSS governing board. Atlanta and Raleigh were viewed as best two choices of the four presented, clearly above Providence and Hartford. Of these Atlanta was favored as first choice, Raleigh as second, with both being acceptable. This will be recommended to board. Wednesday evening event (banquet equivalent) could have been opted out. Complaints were made about lack of clarity in sign-up on line. Reno site had issues about not allowing opt-out. There was discussion on a rotation for the FACSS site and discussion of the benefits/drawbacks. Question, would this increase attendance?

Elected FACSS positions need input for volunteers.— program chair, governing board chair, long range plan. Should these be longer terms for continuity? Probable that Long Range planning committee will get new members, 3 nominees for 2 positions.

LIBS inquired about an affiliation. The group had its first meeting at New Orleans. Looking to be an identifiable group. Would affiliation with SAS/FACSS help? EC was supportive.

Joel—could we offer FACSS registration via our web site, once it is working? This could promote membership, but we could handle it?

H. SAS 50th Anniversary – All (events for PITTCON and FACSS).

Chris—symposia scheduled, atomic and molecular in parallel on Tues afternoon, with reception afterward at 6PM.

Bonnie—Pittcon and SAS press release. Reception in conjunction with Coblenz, which is hoped to obtain a sponsor. Now we must address FACSS. Program people contact us for what we want to do. FACSS has budgeted \$10K for the poster session, so we can improve the food. Student centric idea could improve things.

Lacey idea is to do a game night, spectroscopy connect, after the opening on Monday.

Paul suggested developing aq poster or exhibit on SAS history—Marvin Margoshes and Ben Smith/ Mike Epstien suggested to work on it. If possible include at PittCon also, perhaps as a background piece at the reception—scrolling video of graphics might be nice. Recognizing founders in the reception would be strong element of the social part. Poster with images should be well-done and spread to each session celebrating 50 years. Request is made that members send material to Jonell Clardy for organization, layout. Collect information/pictures from SAS labs, make exhibits.

Chris, Lacey—young investigator - student talk sessions to look forward. Need to be focused session on topics to keep an audience. Could do throughout the week. It could also play off top papers in the journal.

Jim made a motion that Becky seconded to Offer \$1000 to FACSS session co-run by SAS member, encourage involve SAS speaker, follow theme of 50 years looking forward, sessions spread through week, 6 sessions maximum –pass.

IX. New Business.

A. Newsletter Editor -- Bonnie Saylor

John made a motion that Becky seconded that Dave Butcher be nominated to be Newsletter Editor for another term. The motion passed.

B. Rolling Memberships -- Joel Harris

Concept came up over OSA link, and developing joint membership. They do rolling and we do fixed year. Advantages and disadvantages were seen—this could spread out work, but also muddy the statistics. Ingenta and Allen Press could be worked out with the new system. Provides flexibility with membership campaigns.

Chris made a motion that Becky seconded that SAS develop a system of rolling memberships. The motion passed. Joel and Bonnie will work on a joint membership with OSA plan now.

C. Fortnight Solutions -- Bonnie Saylor

Fortnight approached SAS to act as a provider of leads for experts. Affiliated with APS. They filter the experts. If we provide lead to them members get a fee. Our members can sign up, only will be contacted if asked to be. Individual fee is waived. Question raised about indemnify SAS if a suit develops, second about what is the benefit to the society. Seems this could be a member benefit.

D. Governing Board stipend (John Chalmers)

It was pointed out that we try to avoid paying International representative by check, due to losses in exchange.

E. Budget Review and Approval, (Chris Hassell)

Becky made a motion that John seconded to accept the budget as presented. The motion passed.

Chris made a motion that Becky seconded that the Executive Director have authority to issue checks up to \$10,000 for SAS expenses, and if bills are over that (excluding the Allen Press printing bill) concurrence (written or e-mail) be obtained from the Treasurer (or Secretary in the Treasurer absence). The motion passed.

F. Extra issues:

1. International SAS – John Chalmers

Discuss problem of getting Euro regional groups to organize along lines that work for SAS in North America. He is suggesting Europe as a regional section, and that it should work out its own rule system. Membership classes based on postage but could be made all regular member, and add postage surcharge for paper version. Problems seen in finding a way we can fund local/regional activities outside the US, within our tax/auditing constraints. Send the issue of membership categories: eliminate international as separate category and convert local to regional to the Constitution and Bylaws committee

2. Gloria-membership

Marketing the SAS. Idea: create sound bites, on Web site, “how I got to this place”, “what society does for me”. Help people with making argument in the company/organization that there is a benefit. Connect and develop are key themes. Mentorship and contacts are provided by society if you sell it right. Lists of people in an area that would be willing to come in and give a talk on a topic. Also supports developing a list of consultants with expertise and area on Web site.

X. Adjourn

EXECUTIVE DIRECTOR’S REPORT

BONNIE SAYLOR

MARCH 2008

Membership

Final 2007 Numbers: 1657

Membership Breakdown USA 1447 International 210

Total New Members for 2007 364

Total Student Members 195

Total Not Renewed for 2007 327

Registered for Online Journal 511
Total Enrolled in a Local Section 792
Total Enrolled in a Technical Section 781
Total Paid for Extra Section 96

Current 2008 Numbers:
(This time last year was 1227)
Membership Breakdown 1331
USA 1146 International 185
Total New Members for 2008 67
Total Student Members 149
Total Not Renewed for 2008 538
Members in Rolling Membership 16
Total Joined Print and Online 1182
Total Joined Online Only 197
Online Only USA 91 International 56
Registered for Online Journal 539
Total Enrolled in a Local Section 534
Total Enrolled in a Technical Section 646
Total Paid for Extra Section 102

Subscriptions

Final 2007 Numbers
2007 823
Subscriber Breakdown USA 556 International 267
Total New Subscribers for 2007 201
Total Not Renewed for 2007 78
Registered for Online Journal 466
OSA 2007 Numbers 408
Current 2008 Numbers
2008 613
Subscriber Breakdown USA 420 International 193
This time last year our subscriber numbers were at 602
Total New Print Subscribers for 2008 SAS 20
Total New Print Subscribers for 2008 from OSA 11
Total New Online Subscribers from OSA 0
Registered for Online Journal 258
OSA 2008 Numbers 273
OSA Print Subscribers 186
Infobase Subscribers 87

Members and Subscribers

Membership was down by 193 members this year. While the number of new members we received in 2007 was higher than in the past, the number of non-renewed members was also higher. This means that we are experiencing difficulty in retention rather than recruitment and need to find ways to hold on to the members we currently have. Our current year numbers are higher than the same time last year which hopefully will continue and lead to a good year. We have officially switched to rolling memberships so it will be a bit harder to keep track of where we are.

Once again we tried email first notices for renewals and once again it bombed. It was not until we mailed second notices that we started seeing renewals come in at a steady pace. Third notices have not gone out yet. Our subscriber numbers in 2007 were 99 over 2006 numbers. This can be attributed to our new arrangement with OSA.

Finances

Our audit is scheduled for the week of March 31st.

50th Anniversary

PITTCON is loaded with 50th Anniversary events including a history poster authored and manned by Marvin Margoshes with assistance from Ben Smith, Leopold May and others. Two symposia are being held on Tuesday and a special reception on Tuesday night. Plans are underway for events at FACSS, but are not very far along because we have been focusing on PITTCON first.

TREASURER'S REPORT

Paul Bourassa
March, 2008

| | 2007 Actual | 2007 Budget | \$ Over Budget |
|-------------------------------|------------------|-------------------|-------------------|
| REVENUES | | | |
| Education Programs | \$2,000 | \$0 | (2,000) |
| Focal Point Book | \$176 | \$500 | (324) |
| Member Dues | \$112,233 | \$123,000 | (10,767) |
| Journal Income | \$694,193 | \$600,000 | \$94,193 |
| Chapter Income | \$0 | \$1,000 | (1,000) |
| General Contributions | \$6,550 | \$4,500 | \$2,050 |
| Investment Income | \$29,460 | \$25,000 | \$4,460 |
| Miscellaneous Income | \$1,601 | \$2,000 | (\$399) |
| Total Revenue | \$844,213 | \$758,000 | \$86,213 |
| EXPENSES | | | |
| Salaries | \$149,135 | \$146,000 | \$3,135 |
| Payroll Taxes | \$11,381 | \$12,500 | (\$1,119) |
| Personnel Benefits | \$1,093 | \$4,500 | (\$3,407) |
| Executive Committee | \$25,000 | \$32,230 | \$7,230 |
| Governing Board | \$1,300 | \$1,500 | (\$200) |
| Membership Committee | \$0 | \$200 | (\$200) |
| Other Committees | \$1,798 | \$1,500 | \$298 |
| Journal | \$421,633 | \$400,000 | \$21,633 |
| Newsletter | \$1,000 | \$1,000 | \$0 |
| Internet Services | \$2,710 | \$2,500 | \$210 |
| Member Services | \$17,474 | \$8,000 | \$9,474 |
| Member Education | \$0 | \$2,000 | (\$2,000) |
| Awards | \$29,817 | \$20,000 | \$9,817 |
| Sections | \$19,859 | \$20,000 | \$141 |
| Conferences | \$4,860 | \$8,000 | (\$3,140) |
| Member Acquisition/Retention | \$10,377 | \$12,700 | (\$2,323) |
| Society Office | \$74,286 | \$100,000 | (\$25,714) |
| Financing Expenses | \$5,034 | \$3,600 | \$1,434 |
| Depreciation Expenses | \$6,782 | \$1,500 | \$5,282 |
| Total Expenses | \$790,994 | \$770,500 | \$20,494 |
| NET ORDINARY INCOME | \$53,219 | (\$12,500) | |
| OTHER INCOME/EXPENSE | | | |
| Chapter Distribution Add Back | (\$6,277) | (\$12,500) | \$6,223 |
| Total Other Expenses | (\$6,277) | (\$12,500) | \$6,223 |
| Net Other Income | \$6,277 | \$12,500 | (\$6,223) |
| NET INCOME | \$59,496 | \$0 | \$59,496 |

REPORT TO SAS EXECUTIVE & PUBLICATION COMMITTEES
JOEL M. HARRIS, JOURNAL EDITOR
FEBRUARY 5, 2007

Applied Spectroscopy has run smoothly since our meeting in October. Last year, we published 2 accelerated papers, 175 regular articles, 11 spectroscopic technique papers, 6 Notes, 1 Feature Article, and 2 Focal-Point articles. While our number of manuscripts received for review was up for this year, the number of published papers was down slightly, thanks to the vigilance of the editors and reviewers in requiring that papers be of excellent quality. The rejection rate for *Applied Spectroscopy* increased last year to 39%, a figure that is consistent with top quality journals.

Comparisons with previous year statistics are included on the attached table. The number of Focal Point articles published decreased to two last year. The Focal Point Editors, Ben Smith and Rina Dukor, and I are committed to publishing at least four during the current year; and we have commitments from 12 authors to write Focal Point articles for the journal. We are actively encouraging these authors to complete and deliver these manuscripts for publication. Suggestions for new topics and authors are always welcome. 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 to Rebecca Airmet. She provides format-marked manuscripts electronically to Allen Press including equations, so that the papers are effectively typeset by Rebecca. This system is allowing a shorter 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.

Alltrack, our new electronic manuscript submission, reviewing, and tracking system has been running very smoothly for our first full year. There have been very few complaints, and we have received a number of compliments from authors and reviewers alike. Our average reviewer response time (from accepting the review request to completing the review) is just 28 days. Some papers receive two reviews within a week.

Thanks to the efficient efforts of the Megger's Committee chair, Mike Morris, and his committee, the Megger's Award balloting was completed, and the 2007 award paper is "Infrared-Ultraviolet Sum-Frequency Generation Spectrometer with a Wide Tunability of the Ultraviolet Probe" by Toshiki Maeda and Taka-Aki Ishibashi. The paper appeared in the May 2007 issue of *Applied Spectroscopy* (Volume 61, Number 5, pages 459-464).

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 of last year. In 2007, we totaled 68,248 full-text PDF downloads of articles from *Applied Spectroscopy* through InfoBase. This number exceeds the 51,427 full-text article downloads that we provided through Ingenta last year. OSA hosting is more than doubling the electronic distribution of our content. The last quarter of 2007 showed a significant (nearly two-fold) increase in the rate of downloads through InfoBase, so the figures for

2008 could be even more impressive. This increased readership should improve our impact and citation statistics in the near future.

The quality and impact of *Applied Spectroscopy* remain strong, as reflected in the citation statistics for articles that we publish. Quoting data from ISI's *Journal Citation Reports* for 2006, *Applied Spectroscopy* has achieved a Citation Impact Factor of 1.879. This factor is the number of times that articles published within 3 years were cited during the year in question. The articles in *Applied Spectroscopy* have immediate impact as reflected in Citation Reports' Immediacy Index of 0.303. This index indicates that 30% of the articles in the journal are cited during the same year in which they are published. Despite their impact on current research, papers published in this journal do not lose their influence over time. The citation half-life of the journal is currently 7.9 years, which is longer than any of the other top-10 impact journals in the *Instruments and Instrumentation* category as rated by ISI. This metric means that scientists continue referring to our papers for many years following publication.

APPLIED SPECTROSCOPY ANNUAL STATISTICS

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------------------|------|------|------|------|------|------|
| Focal Point Articles | 4 | 4 | 4 | 1 | 4 | 2 |
| Accelerated Articles | 4 | 7 | 2 | 2 | 2 | 2 |
| Regular Articles | 208 | 190 | 190 | 178 | 183 | 175 |
| Spectroscopic Techniques | 6 | 11 | 6 | 7 | 14 | 11 |
| Feature Articles | 0 | 0 | 1 | 2 | 1 | 1 |
| Notes | 16 | 22 | 15 | 11 | 4 | 6 |
| Correspondence | 2 | 2 | 2 | 0 | 2 | 0 |
| Total articles printed | 240 | 236 | 220 | 201 | 210 | 197 |
| Rejected manuscripts | 60 | 59 | 35 | 50 | 63 | 50 |
| Returned manuscripts | 32 | 23 | 43 | 30 | 54 | 75 |
| Total rejected & returned | 92 | 82 | 78 | 80 | 117 | 125 |
| Papers received for review | 343 | 315 | 298 | 292 | 321 | 352 |
| Total A-pages | 343 | 364 | 362 | 308 | 344 | 292 |
| Total manuscript pages | 1662 | 1642 | 1536 | 1590 | 1526 | 1442 |

NEWSLETTER EDITOR'S REPORT
DAVID BUTCHER
16 JANUARY 2008

Four issues of the newsletter have been published since our last report, as detailed in the table below. They have focused on the FACSS meeting; elections and the 50th anniversary celebration; activities and reports from the FACSS meeting; and two SAS members who have been described as a spectroscopy power couple.

| Issue | Topic |
|----------------|--|
| September 2007 | FACSS 2007 |
| October 2007 | SAS Election Results, 50 th Anniversary Celebration |
| Nov/Dec2007 | SAS Activities and Reports from FACSS 2007 |
| January 2008 | A Spectroscopy Power Couple |

Bill Cunningham did a survey of SAS members that included two questions about the newsletter, and the results are compiled below. The survey shows that a majority of members use the newsletter for news about the society. The results also show that a majority of members refer back to previously published newsletters at least once a quarter.

| answer options | Response Percent | Response Count |
|---|------------------|----------------|
| Q10. The SAS Spectrum Newsletter is published on the SAS website at http://www.sas.org/Spectrum/index.html on a monthly basis. Do you use the Spectrum Newsletter (check all that apply) | | |
| (1) for news about the Society | 82% | 204 |
| (2) to learn about upcoming SAS events | 52% | 128 |
| (3) to learn about the FACSS Conference | 36% | 88 |
| (4) for historical information about the Society | 28% | 69 |
| | answered | 248 |
| | skipped | 61 |
| Q11. How often do you refer back to a previously published Newsletter? | | |
| answer options | Response Percent | Response Count |
| 1) Several times per month | 2% | 6 |
| 2) Once a month | 16% | 47 |
| 3) Once a Quarter | 46% | 137 |
| 4) Never - I don't read them | 37% | 111 |
| | answered | 301 |
| | skipped | 8 |

**WEB EDITOR'S REPORT
STEPHEN BIALKOWSKI
FEBRUARY 1, 2008**

There is no major change 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.

The web use tracker is still running and there are reliable statistics for the number of times the main web page is accessed. About two-thirds of the web site access has been from within the United States (62.6%). This is followed by Asia (15.4%) and then Europe (12.7%). The major Asian countries accessing the SAS site are Japan (5.5%), China (1.4%), Taiwan (1.2%), Iran (1.0%), and India (0.9%). The main European countries are UK (2.9%), Germany (2.5%), France (1.4%) and Netherlands (1.0%).

**MEMBERSHIP COORDINATOR'S REPORT
GLORIA STORY
JANUARY 2008**

Since my August 2007 report, I've learned a very important lesson. You can not successfully organize a convenient time to hold a committee meeting while you are attending FACSS. The "let's get together over lunch" idea is ludicrous. An official meeting of the membership committee, therefore, did not happen during FACSS.

However, many exciting things having to do with membership did happen. First – during the FACSS exhibit opening event, we signed up 53 new student members! I would like to take this opportunity to thank Mike Carrabba, FACSS exhibit chair, for his expertise at the microphone that evening encouraging students and vendors to join in the fun. I would also like to thank the following companies for their support by providing the 53 students with free SAS memberships: Horiba Jobin Yvon, Meinhard Glass Products, Bruker Scientific, Renishaw, and Thermo Fisher Scientific. Thanks to everyone who helped in the SAS booth that evening.

Second – before, during, and after the SAS governing board meeting, I collected names of a lot of SAS members that were very interested in helping me with membership and membership education duties and ideas. Brian Smith brought up an idea of linking into the webinars hosted by the ACS. Pavel Matousek and John Chalmers are interested in building membership and member benefits outside the US. Recently, I received a call from Srinivasan Gokulakrishnan ("Gokul") who recently graduated from Dr. Rohit Bhargava's group and is now working for Bruker in Germany. He will eventually be located in India and is very interested in making sure there is SAS presence there. Jim deHaseth, working diligently on the new website design, wants membership to assist him in making sure the new site design meets all of our goals. I look forward to working closely with all members that have a passion in these concerns for the Society.

Third – Allen Press tabulated the results of their recent survey of SAS members. Some very interesting comments were collected from the 309 members that completed it and these members were pretty evenly distributed among employer types and expertise. A majority look to our SAS Spectrum Newsletter for Society news and events. They were also asked to describe member benefits they find valuable besides the Journal. The number one answer was networking (FACSS, local sections, newsletter, wine and cheese, and the directory). A significant number mentioned that our sponsored sessions at conferences and the tour speakers help to keep them current and provide benchmarking for their work. A few members used the space as an opportunity to provide feedback. Some are looking for more local section activity with closer meetings, and some expressed their delight at meeting and literature discounts and are hoping for travel grant opportunities.

**SAS STUDENT REPRESENTATIVE REPORT
MICHELLE MEIGHAN
WINTER 2008**

The SAS continues promote student activities and encourage the exchange of ideas through various means, including research presentations, networking opportunities, and interactive discussions that prepare students for after graduation.

The FACSS conference in Memphis allowed for the professional growth of students through a myriad of opportunities. On Sunday evening, the SAS held a poster session for students to present their work, and the most outstanding posters were recognized. Additionally, GE Plastics hosted a brown bag lunch for students to interact with professionals from a wide range of fields as well as gather information pertaining to finding a job.

This year at Pittcon, the SAS is hosting a student gathering to increase networking opportunities and help students learn more about SAS while interacting with peers and colleagues. The pizza party held at Pittcon in 2007 was well-received by students; however, many expressed the desire to move away from the "conference setting". Thus, I have found an informal restaurant close to the conference center (Lucy's Restaurant) that can accommodate our needs. Lastly, David Heaps and I have begun the initial steps of starting student chapters. As of January, we have drafted student chapter constitutions and sample letters of intent. We hope that Pittcon will enable us to talk with students from different universities to get the first few student chapters up and running.

LOCAL SECTION AFFAIRS COMMITTEE REPORT

DAVID A HEAPS

PITTCON 2008

At the FACSS meeting I stated that I have a goal to start up an International Local or Regional Section. I have asked Dr. Caroline Roger of the United Kingdom to be on the Local Section Affairs Committee. Dr. Roger is eager to assist in this committee and I feel she will be a valuable member. Also, I have a letter of intent to organize a new regional section in the UK from Dr. Andy Brookes. We are trying to see if it would be best to work with some of the existing spectroscopy groups and give them some support from the SAS. I want to see this progress.

The work of making student local sections, started with Dr. Lacey Averett is continuing with Michelle Meighan the new student representative. I have two new student sections with letters of intent to form a student section. The two Universities are Arizona State University and the University of Delaware. I modeled the constitution from the OSA student section constitution. We need to get the word out on these new sections to the students and their professors. I am hoping that these sections could help any struggling local sections.

I have not been able to activate any local sections since the Baltimore Washington Section. We have an opportunity with the new growth to get people in the inactive local section thinking of getting their section active.

Progress with forming the two new technical sections has not been as productive. Forming the LIBS section that was discussed at FACSS has not moved forward. I need some contacts. The Forensics technical section is the other organization that was discussed at FACSS. I plan to see more movement with this section during the summer.

LIPPINCOTT AWARD COMMITTEE REPORT

SPRING 2008

Dr. Richard P. Van Dyne, Morrison Professor of Chemistry in the Department of Chemistry at Northwestern University, is the recipient of the 2008 Ellis R. Lippincott Award "For the discovery, development, and application of surface-enhanced Raman spectroscopy in ways

that have profoundly influenced vibrational spectroscopy, surface science, electrochemistry, ultrasensitive chemical / biological sensing, and applications in plasmonics".

LIPPINCOTT AWARD PRESENTED AT THE U.K. IRDG MEETING. JOHN CHALMERS

The Ellis R. Lippincott Award is an annual award the Society for Applied Spectroscopy (SAS) shares with the Optical Society of America and the Coblenz Society. The Ellis R. Lippincott Award was founded to honor Dr. Lippincott's memory by the recognition of significant contributions and notable achievements in the field of vibrational spectroscopy. This Award is usually presented at either Pittcon or FACSS meetings held in the U.S.A. However, the recipient of the Award for 2007, Professor Jonathon Tennyson was unable to attend either of these meetings, so an opportunity was created for him to receive his Award from the President-Elect of SAS, John Chalmers, at the traditional December ('Christmas') meeting of the U.K. IRDG (Infrared and Raman Discussion Group), which this year was held on Professor Tennyson's home ground of University College London (UCL). (John Chalmers is also a past-Chairman of the IRDG, which was formed in 1950. The IRDG is one of the oldest independent spectroscopy groups in the U.K.; this meeting was its 185th).

Dr. Tennyson is Massey Professor of Physics and Head of the Department of Physics and Astronomy at UCL. He studied at the Universities of Cambridge and Sussex. He was a post-doc at the University of Nijmegen and Daresbury Laboratory before moving to UCL as a "New Blood" Lecturer. He Chairs the Chemical and Molecular Physics section of the European Physical Society and an IUPAC task group *A database of water transitions from experiment and theory*. He was awarded the 2005 Sir David Bates Prize of the U.K. Institute of Physics.

Dr. Tennyson's research focuses on a range of topics in chemical physics dealing with both the underlying theory and applications of calculations of molecular spectra and collision problems. His group used first principles quantum mechanical calculations to assign an emission spectrum of H_3^+ in the Jovian ionosphere, which led to a new observational handle on these systems. More recently he led to a major breakthrough in understanding the spectra of water and the assignment of a very congested and complicated spectrum of water recorded in sunspots, and the development of a comprehensive ab initio model predicting its spectrum.

Professor Tennyson's award presentation at the IRDG meeting was *Simulating the spectrum of water vapour*. The popular meeting was very well attended with 98 delegates. Its popularity stems in part from the traditional lunch and refreshments that help make it as much a social event to meet old friends as well as listen to some excellent technical presentations. SAS members who have crossed the Atlantic to participate and give talks at these *techno-social* Christmas IRDG meetings in the last decade include Brian Marquardt (2007), Richard Crocombe (2006) and Mike Carrabba (1997). Others have traveled merely to participate more in its social aspects! Jonathon Tennyson (right) receiving congratulation on his Lippincott Award from SAS President-Elect (2007) John Chalmers (left) at the U.K. IRDG meeting.

**MEGGERS AWARD COMMITTEE REPORT
SPRING 2008
MICHAEL D. MORRIS, COMMITTEE CHAIR**

On behalf of the Meggers Award committee, I am pleased to announce that the winning paper for the 2007 Award is: Infrared-Ultraviolet Sum-Frequency Generation Spectrometer with a Wide Tunability of the Ultraviolet Probe, Toshiki Maeda, and Taka-Aki Ishibashi, May 2007, pp. 459- 464. Dr. Ishibashi is the corresponding author. Close to forty papers were reviewed by the committee and two rounds of voting were required to reach a consensus. We are confident that this paper conforms to the high standards set by previous Meggers Award winners.

**NOMINATING COMMITTEE REPORT
SPRING 2008
AUGUSTUS WAY FOUNTAIN, DEBBIE BRADSHAW, BOB MICHEL, JON SCHOONOVER, BECKY DITTMAR**

The Nominating Committee has identified 2 candidates for the position of President elect: Mark Druy and Fred LaPlant. Bonnie Saylor has indicated that both candidates meet the qualifications to run for this position.

**REPORT OF THE SAS PUBLICITY COMMITTEE
DAVID BUTCHER
18 JANUARY 2008**

Although the SAS Publicity Committee did not meet during the last six months, we have two issues to report. The student program to provide travel to FACSS by the Piedmont Section was initiated for the Memphis meeting. This program provided student travel support for student members whose directors are also society members. We received four applications and all four met the eligibility criteria and were funded. It should be pointed out that one mentor was not a current member and this project encouraged this individual to join the Society. Last year, since the program was developed after the Pittcon EC meeting, it was not clear whether approval had been given to make the program only for Piedmont Section members or to members who live in the Piedmont Section (e.g., these may be members of Technical Sections). We request permission from the EC to change the guidelines to require membership by the student and faculty mentor in the Piedmont Section.

However, we would like to propose that the Society continue to develop the excellent technical sessions that are planned for Pittcon 2008 on a more permanent basis. It is proposed to appoint a Technical Program Chair, who would serve on the SAS Executive Committee, to coordinate these efforts. Presumably SAS would provide some level of financial support, along with any support that would be negotiated from the conference organizers.

**AWARDS COMMITTEE REPORT
JANUARY 31, 2008
MARY CARRABBA, CHAIR; JULIAN TYSON, CHAIR-ELECT;
MARVIN MARGOSHES**

The Awards Committee has endorsed the nomination of Jeanette Grasselli Brown for Honorary Membership. Dr. Grasselli is considered by one of her nominators to be "one of the most influential spectroscopists in the world." Not only has she made numerous contributions to our understanding of Raman and infrared band assignments and their relationship to chemical functionality, but she

has also effectively communicated them to the scientific community through many authored and edited books. Dr. Grasselli's books and papers, along with her leadership and mentorship roles in the spectroscopy field, make her an outstanding candidate for Honorary Membership in SAS.

The Awards Committee has also endorsed the nominations of Deborah Bradshaw and Peter Griffiths for the Distinguished Service Award.

**LESTER STROCK AWARD REPORT
SPRING 2008
PAUL B. FARNSWORTH**

By unanimous vote the Strock award committee has selected Annemie Bogaerts of the University of Antwerp as the recipient of the 2008 Lester W. Strock Award. We recognize Professor Bogaerts' outstanding contributions in the areas of plasma and surface modeling. Her excellent work in modeling spectrochemical glow discharges and laser ablation plasmas is particularly relevant to the award.

**FACSS DELEGATE REPORT FROM MEMPHIS
JOHN CHALMERS
14-18 OCTOBER 2007**

During the FACSS meeting in Memphis, as a SAS representative, I attended the following FACSS organisational meetings:

1. FACSS Long Range Planning (LRP) Committee, Saturday 13 October.
2. FACSS Planning/Budget Committee, Wednesday 17 October, comprising:
 - a. 2008 Planning Budget Committee
 - b. Reno (2008),
 - c. Louisville (2009).
3. FACSS Governing Board Meeting, Thursday 18 October.

1. Some outcomes from the LRP Committee meeting were:

1. Organizational Structure:
 - a. The FACSS Governing Board (GB) Chair position should be increased to a 2-year position to provide better continuity.
 - b. There was a recommendation to create a Conference Development position.
 - c. There was a recommendation that a local marketing/advertising person be recruited to assist the General Chair.
 - d. It was recommended that the FACSS Executive Committee (EC) put together an organizational chart with a structure based on:
 - i. Growing the conference,
 - ii. Safeguarding the Federation health and development - including business development, marketing, and GB Chair,
 - iii. A Core program involving Program and Exhibit Chairs.
 - iv. Meeting Logistics – involving everyone else, including advertising, workshops, employment, General Chair (who makes sure everyone coordinates and communicates with each other (e.g.,

program and workshops don't interfere with each other)).

2. Incorporating into FACSS other Groups/Societies:
 - a. Discussions are on-going (in the U.S.A.) with the LIBS (Laser-Induced Breakdown Spectroscopy) community to them joining FACSS or participating in FACSS conferences.
 - b. The potential of adding the 2DCOS (Two Dimensional Correlation Spectroscopy) meeting in 2009 is under consideration.
 - c. The potential synergy/conflict with the ICAVS-6 (International Conference on Advanced Vibrational Spectroscopy) due in the U.S.A. in 2011 is under consideration.
3. Site Selection:
 - a. The 2008 meeting is in Reno; September 28 – October 2.
 - b. The 2009 meeting is in Louisville.
 - c. Future venues were discussed, but no resolution on future sites was made. Those reviewed were Atlanta, Hartford, Raleigh and Providence; the pros and cons of each were discussed.
4. Renaming of the FACSS Conference to better reflect it being an International conference:
 - a. For example, call it "International Analytical Chemistry Meeting" brought to you by the FACSS organization, instead of just calling it FACSS.
 - b. Incorporate somehow "international" into the name (e.g., iFACSS!).

The next FACSS LRP meeting will be at Pittcon 2008 on Sunday 2 March.

2. Notes from the Planning Budget Committee meetings:

1. 2. 3. 4. 5. 6. Webcasting of the meeting in 2008 is under review – a decision will be made at meetings in Pittcon 2008.

The registrations for the FACSS meeting (October 2007) were 850+. Attendance and exhibitor numbers were both up from last year.

There was some discussion on how FACSS should deal with any surplus it accumulates. The average conference cost over the last 5 years is in the region of \$440,000. FACSS is close to having this amount as a reserve, which it intends to retain in case of a catastrophic disaster (e.g., need to last-minute cancel a meeting because of such as an international disaster, terrorist threat). Any sums above this should be redistributed (returned) to the FACSS affiliated societies.

Raleigh and Atlanta were discussed as venues for 2010 and a vote undertaken. Raleigh was the first choice; Atlanta was the second choice. Sponsoring organizations should be canvassed for their suggestions for 2011.

Similar issues, etc, to those raised by the LRP, see above, were discussed.

The Society for Applied Spectroscopy (SAS) will celebrate its 50th anniversary in 2008, and will run 6x sessions at FACSS 2008 to mark this event.

3. Notes from the Governing Board (GB) meeting: (This does not include, items already covered above, unless additional facts are relevant.)

1. 2. 3. 4. The plan for Reno (2008) is to make the "Wednesday Social (Gala) Event" part of an all-inclusive registration fee so as to enhance for all networking

inclusiveness. The registration fee in Reno is expected to be \$450.

Site selection – conferees are very sensitive to hotel costs, which drives the sites chosen for future meetings, and which rules out "Tier 1" cities, e.g., Boston, Chicago.

The GB vote was for Raleigh as first choice for 2011, with Atlanta second.

An ad hoc group was formed to study the idea of joining the FACSS and ICAVS-6 meetings in the U.S.A. in 2011. I will be a member of this ad hoc committee.

The next FACSS GB meeting will be at Pittcon 2008 on Tuesday 4 March at 16:30.

REPORT OF THE CHEMICAL HERITAGE FOUNDATION

DELEGATE

PITTCON 2008

DAVID S. TRIMBLE

Most Recent Happenings:

New President Tom Triton has hit the ground running. Please recall he joins the CHF after spending the Fall 2007 semester as president in residence at the Harvard University Graduate School of Education. Prior to that he served as the 12th president of Haverford College from 1997 to 2007. On average twice weekly he publishes the Periodic Tabloid blog – <http://periodictabloid.chemheritage.org>

The new CHF podcast, Distillations, is a weekly 6-10 minute show offering entertaining reports on subject ranging from alchemy to the contents of your kitchen cabinet to the chemistry of space exploration. Please dial in through the iTunes store or at <http://distillations.chemheritage.org>

Yuan Tseh Lee will be presented the 200 Othmer Gold Medal. Lee, Nobel laureate in chemistry (1986) will receive the 11th annual Gold Award at the Heritage Day ceremonies on May 15. Lee was born in 1936 and educated in Taiwan under the Japanese occupation during WWII. Following 3 successful decades in America, he returned to Taiwan taking a leadership role in education reform and better relationships with China.

Fall 2007 Heritage Council Meeting:

The Heritage Council most recently met on 10 October 2007. I will touch on the topics of most interest to SAS.

The Global Nature of Professional Membership: The Association for Textiles and Colorants – once a nearly exclusively American organization – has watched its industry get turned on its head. Overseas competition has taken an obvious toll on the American industrial base – and this has been directly reflected in the drastic increase in foreign membership (at the expense of domestic numbers).

Instruments and Artifacts: A deliberate effort has been made to search out pioneering instruments in the areas of surface science, biotechnology, anything "nano".....

Don Graham of Coulter/hematology has joined the A&I committee specifically because of these interests. It is also interesting to note that the 50 most significant instruments, the committee's initial goal, now number over 70!!

Gallery Update: Plans are still firm to have the new gallery open and ready in time for the Philadelphia ACS meeting – "even if we have to sleep here the week beforehand!" The first principal exhibit will be the

CHF's first rotating exhibit now in place at Skidmore – "Molecules that Matter". Highlights include DDT, bucky-balls, and nylon.

The CHF Mission and Goals: The CHF has no direct competition – it just gets nibbled around the edges in an ever increasing way. There is a great need to publicize our mission as THE ARCHIVES for corporate chemical industry documents. Many, many archives have been deliberately destroyed under the direction of corporate attorneys. So – via word of mouth and more formal outreach and advertizing programs – we are spreading the word.

Help STILL Needed to record Oral Histories: An Opportunity for Service!! Rasheedah Cremer (RCremer@chemheritage.org) needs help locating persons willing to interview scientists who are or have been making instrument or chemical history. Training for interviewers is being scheduled. Please contact her if interested.

**SAS TOUR SPEAKER REPORT
 GLENN BOUTILIER
 PITTCON 2008**

| Speaker | Tour month(s) | Tour Location 1 | Tour Location 2 |
|-----------------|-------------------|---|---|
| Alan Marshall | March, April | Snake River Jill Scott - sent dates | Intermountain Matthew Kriech - sent dates |
| Curt Marcott | April | Minnesota Fred LaPlant - 21-Apr | New England Christopher Brown - 4/22/2008 |
| David Haaland | March, April | Cleveland Bob Williams - sent dates | Piedmont Dave Butcher - sent dates |
| Aaron Massari | April, May | Baltimore-Wash John Canham - sent dates | Ohio Valley Michael Brown - sent dates |
| David C. Brock | April | Chicago Slav Stepanovich - sent dates | Detroit Patsy Coleman - sent dates |
| Steven D. Brown | March, April, May | Niagara Joe Gardella - sent dates | |
| Rohit Bhargava | April, May, June | Northern California | |

Steve Barnett -
sent dates

Paul Farnsworth April, May St. Louis
 Eileen McClendon -
 sent dates

Rina Dukor, Chris Hassell, and Debbie Bradshaw (left to right) were honored at the SAS 50th Anniversary Reception for organizing the special SAS Symposia at Pittcon.



Michael Myrick received a special award from SAS on behalf of the Research and Health Sciences Division of the University of South Carolina, who provided financial support for the SAS Reception.



SURVEY OF SAS MEMBERS
BILL CUNNINGHAM
FALL, 2007

Q1. Which answer best describe your organization's industry or function at this location?

| answer options | Response Percent | Response Count |
|-------------------------------------|-------------------|----------------|
| 1) Education -University / College | 41% | 126 |
| 2) Manufacturing & Process Industry | 18% | 56 |
| 3) Government / Federal | 7% | 22 |
| 4) Health / Medical | 3% | 8 |
| 5) Test & Design Equipment | 4% | 11 |
| 6) Research Center / Lab | 17% | 52 |
| 7) Small Business | 7% | 20 |
| 8) Other: _____ | 5% | 14 |
| | answered question | 309 |
| | skipped question | 0 |

Q2. My primary job function is:

| answer options | Response Percent | Response Count |
|------------------------------------|-------------------|----------------|
| 1) Corporate or Product Management | 7% | 20 |
| 2) Education and Research | 37% | 115 |
| 3) Research & Development | 35% | 107 |
| 4) Lab Management | 5% | 14 |
| 5) Engineering / Design | 2% | 6 |
| 6) Manufacturing | 0% | 0 |
| 8) Quality Control Assurance | 2% | 7 |
| 9) Consultant | 7% | 23 |
| 10) Other: _____ | 6% | 17 |
| | answered question | 309 |
| | skipped question | 0 |

Q3. Spectroscopy methods used most often (check all that apply)

| answer options | Response Percent | Response Count |
|------------------------------|-------------------|----------------|
| 1) Raman Spectroscopy | 44% | 136 |
| 2) Atomic Spectroscopy | 30% | 92 |
| 3) Chemometrics | 37% | 115 |
| 4) UV-visible Spectroscopy | 44% | 135 |
| 5) Imaging and Microscopy | 39% | 120 |
| 6) Fluorescence Spectroscopy | 28% | 85 |
| 7) Infrared Spectroscopy | 66% | 204 |
| 8) Mass Spectrometry | 31% | 97 |
| | answered question | 309 |
| | skipped question | 0 |

Q4. What are your primary areas of spectroscopic application? (check all that apply)

| answer options | Response Percent | Response Count |
|----------------|------------------|----------------|
|----------------|------------------|----------------|

| | | |
|------------------------------|-------------------|-----|
| 1) Agricultural / Food | 12% | 38 |
| 2) Biotechnology | 22% | 68 |
| 3) Analytical Chemistry | 75% | 233 |
| 4) Controls / Test Equipment | 9% | 28 |
| 5) Energy / Petroleum / Gas | 15% | 45 |
| 6) Environmental | 26% | 80 |
| 7) Medical / Biological | 26% | 79 |
| 8) Metallurgy | 8% | 24 |
| 9) Pharmaceutical | 27% | 82 |
| 10) Forensics | 14% | 44 |
| 11) Ceramics | 3% | 8 |
| 12) Other: _____ | 17% | 52 |
| | answered question | 309 |
| | skipped question | 0 |

Q5. What are the total number of employees / co-workers at your location?

| answer options | Response Percent | Response Count |
|-----------------|-------------------|----------------|
| 1) Less than 50 | 35% | 106 |
| 2) 50 - 99 | 8% | 24 |
| 3) 100 - 499 | 22% | 66 |
| 4) 500 - 749 | 5% | 15 |
| 5) 750 - 999 | 6% | 19 |
| 6) 1,000+ | 25% | 77 |
| | answered question | 307 |
| | skipped question | 2 |

Q6. What is your annual budget for spectroscopic equipment and supplies?

| answer options | Response Percent | Response Count |
|--------------------------|-------------------|----------------|
| 1) Less than \$25,000 | 29% | 88 |
| 2) \$25,000 - \$49,999 | 23% | 71 |
| 3) \$50,000 - \$99,999 | 17% | 53 |
| 2) \$100,000 - \$249,999 | 18% | 54 |
| 3) \$250,000 - \$499,999 | 6% | 17 |
| 4) \$500,00 - \$749,999 | 5% | 14 |
| 5) \$750,000 - 999,999 | 1% | 3 |
| 6) \$1,000,000+ | 3% | 9 |
| | answered question | 309 |
| | skipped question | 0 |

Q7. What is your purchasing authority when specifying products and services for purchase?

| answer options | Response Percent | Response Count |
|---|-------------------|----------------|
| 1) I am the decision maker | 45% | 139 |
| 2) I recommend products and services for purchasing | 47% | 146 |
| 3) I am not involved with purchase decisions | 8% | 24 |
| | answered question | 309 |
| | skipped question | 0 |

Q8. How many individuals read your copy of "Applied Spectroscopy?"

| answer options | Response Percent | Response Count |
|----------------|-------------------|----------------|
| 1) 1 | 58% | 178 |
| 2) 2 | 26% | 80 |
| 3) 3-5 | 13% | 39 |
| 4) 6-10 | 3% | 9 |
| 5) 10+ | 1% | 3 |
| | answered question | 309 |
| | skipped question | 0 |

Q9. Applied Spectroscopy provides a good balance of technical and practical information.

| answer options | Response Percent | Response Count |
|----------------|-------------------|----------------|
| 1) Agree | 94% | 288 |
| 2) Disagree | 6% | 19 |
| | answered question | 307 |
| | skipped question | 2 |

Q10. The SAS Spectrum Newsletter is published on the SAS website at <http://www.s-a-s.org/Spectrum/index.html> on a monthly basis. Do you use the Spectrum Newsletter (check all that apply)

| answer options | Response Percent | Response Count |
|--|-------------------|----------------|
| (1) for news about the Society | 82% | 204 |
| (2) to learn about upcoming SAS events | 52% | 128 |
| (3) to learn about the FACSS Conference | 36% | 88 |
| (4) for historical information about the Society | 28% | 69 |
| | answered question | 248 |
| | skipped question | 61 |

Q11. How often do you refer back to a previously published Newsletter?

| answer options | Response Percent | Response Count |
|------------------------------|-------------------|----------------|
| 1) Several times per month | 2% | 6 |
| 2) Once a month | 16% | 47 |
| 3) Once a Quarter | 46% | 137 |
| 4) Never - I don't read them | 37% | 111 |
| | answered question | 301 |
| | skipped question | 8 |

Q12. Other than the journal, what benefits of membership in the Society for Applied Spectroscopy do you find personally valuable?

| Response Percent | Response Count |
|-------------------|----------------|
| 46% | 142 |
| answered question | 142 |
| skipped question | 167 |