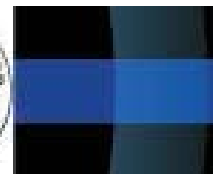


The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



November/December, 2007

SAS ACTIVITIES AND REPORTS FROM FACSS 2007

HIGHLIGHTS FROM FACSS 2007, THE SAS NATIONAL MEETING IN MEMPHIS, TN

AWARDS PRESENTED AT WINE & CHEESE RECEPTION SEPT. 26

Laurence A. Nafie of Syracuse University received the Distinguished Service Award.

Norman Colthup and Ira Levin of NIH received the Honorary Membership Award.

Sanford Asher, Ramon Barnes, Jeanette Grasselli Brown, Norman Colthup, Robert (Sam) Houk, Ira Levin, Marvin Margoshes, Michael Morris, Kay Niemax, and Edward Yeung were named SAS Fellows.

Gary Dobbs of Georgia Institute of Technology received the SAS Graduate Student Award.

R.D. Pensack, B.B. Michniak, D.J. Moore, and Richard Mendelsohn received the Meggers Award.

Detlef Gunther of ETH Zurich received the Lester. W. Strock Award.

SAS STUDENT POSTER AWARDS PRESENTED ON OCTOBER 14

Karen A. Esmonde-White, University of Michigan, Surface-Enhanced Raman Spectroscopy Evidence for Hyaluronic Acid Polymer Entanglement at Nanoliter Volumes. Director: Michael Morris.

Francis Esmonde-White, McGill University, Rapid Measurements of Optical Scattering using a Portable Photon Time-of-Flight Device. Director: David Burns.

Zorabel M. Lejeune, Louisiana State University, Controlling the Organization of Porphyrins on Surfaces using Nanolithography. Director: Jayne C. Garno.

DETAILS BELOW & IN FUTURE ISSUES

IRDC 2008 AUG 1-8

The International Diffuse Reflectance Conference is a premier biannual conference for Near Infrared analysis. It is held at Wilson College in Chambersburg, PA, hence the nickname: the "Chambersburg" conference. The narrow focus of the conference means that the attendees are very interested in NIR spectroscopy and diffuse reflectance, while the small size of the conference allows intimate interaction between exhibitors and other conferees. Complete information is available at WWW.IDRC-CHAMBERSBURG.ORG.

NOVEMBER HISTORICAL EVENTS IN SPECTROSCOPY



November 17, 1917.

Frederick C. Strong, III, an Emeritus Member of SAS, was born on this date. He served as the second Editor-in-Chief of Applied Spectroscopy from 1955 through 1961.

NEW ENGLAND SECTION SPEAKER SCHEDULE

Sept 18 Environmental Forensics and Analytical Atomic Spectrochemistry, Ramon Barnes.

Nov 6 Multidimensional Fluorescence Analysis of Natural Waters, Jonathan Kenny.

Dec 11 Elastic Light Scattering Spectroscopy for the Detection of Early Cancer and pre-cancer, Irving Bigio.

Jan 22 Developing Microplasmas for Applications in Analytical Chemistry, Jeff Hopwood.

Mar 25 High Throughput Analysis of Proteins Using Multiplexed Tandem Mass Spectrometry, Richard Vachet.

Apr 22 SAS Speaker (TBA) and Poster Session, TBA

May 20 Single-Molecule and Super-Resolution Imaging of Biomolecules and Cells, Xiaowei Zhuang.

Where: Hampton Inn - Natick. Refreshments 5:30 - 6:30 pm, dinner from 6:30 - 7:30 pm, followed by the presentation.

Contact: Dula Amarasiriwardena (daNS@hampshire.edu), Mark Druy (druy@psicorp.com), or Chris Brown (cbrown@ahurascientific.com)

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Comments to butcherATemail.wcu.edu

**PRESIDENT'S REPORT
FACSS 2007
JAMES A. DE HASETH**

It has been a great privilege to serve the Society as President. It should be recognized, of course, that Bonnie Saylor is the one who really keeps the Society going and attempts to keep us volunteers in check! We are very fortunate to have Becky Dittmar as the Past President and equally important it is wonderful to see John Chalmers as the President-Elect. I have relied on both individuals for advice and their concern and insights have been most helpful and very valuable. I know the Society will be in good hands with John and with Jon Carnahan who will succeed him.

The following are highlights of the on-going programs of the Society:

The Journal: Joel Harris and Paul Farnsworth continue to edit and produce the finest journal in the field of spectroscopy today. I do not feel this is an exaggeration; the Journal is the most visible part of the Society and its continued high quality and timely articles reflect very strongly on the Society. I realize the Journal is a huge amount of work for both the Editor-in-Chief and the Editor, but their work is greatly appreciated.

FACSS: FACSS is a Federation as stated in the name of the acronym. It is important that the member societies take an active role in the governance and running of the meeting. Becky Dittmar has been instrumental in bringing more SAS members. In 2009, Becky is the FACSS Governing Board Chair, Curt Marcott is the Program Chair, and Jessica Jarmen is the General Chair. All these FACSS officers are active SAS members. As FACSS is the venue for our annual meeting, it behooves us to continue to foster SAS membership involvement.

SAS Fellows: In recent years, Joel Harris has pressed for the inclusion of Fellows in the Society. Fellows are not Honorary Members, but rather members who have made significant contributions to spectroscopy or to the Society. It has been difficult to communicate the concept to members of the Fellows Selection Committee as the Committee has been comprised of Honorary Members. The same criteria has largely been applied to Fellows as has been applied to Honorary Members. This should change in the future as Fellows begin to serve as selection committee members. I hope the Fellows program will continue to grow as this will raise the visibility of the Society.

Membership: Gloria Story has been instrumental in pursuing new ideas to attract new members and retain current members. She has developed strategies for both the short and long-term to attract new members. Membership is the lifeblood of the Society. The real challenge is to interest young scientists and convince them of the value of the Society to their professional careers. This will require new ideas and approaches as the old incentives no longer seem to apply. Last year at the FACSS meeting student memberships were sponsored by a number of instrument companies. Many students who had not previously considered the Society joined during the SAS student poster session Sunday night. The incentive was a free membership and possibility of winning the student poster competition. Although this appealed to the vested interests of the students, it did afford the Society the opportunity to introduce students to the Society and show them the value of becoming a member.

Fiftieth Anniversary: Next year is the 50th Anniversary of the Society and celebrations are planned. Chris Hassel and

Debbie Bradshaw have organized two symposia each with an excellent slate of speakers for the celebration at Pittcon. Although FACSS is the site of our national meeting, John Jakovitz secured considerable backing from Pittcon to promote the celebrations. A special 50th year Society logo has been designed and will be used throughout the year. This milestone is an opportunity to increase the visibility of the Society and potentially increase our membership.

There are too many volunteers to thank individually, but I do appreciate everyone's efforts. The Society is nothing without the volunteers and I feel very fortunate to have worked with all of you.

**SECRETARY'S REPORT
EXECUTIVE COMMITTEE MEETING MINUTES
SATURDAY, FEBRUARY 24, 2007
HYATT CHICAGO--WRIGHT ROOM
CHICAGO, ILLINOIS**

I. Call To Order Jim de Haseth

Meeting of the Executive Committee was called to order at 4:15 p.m.

II. Roll Call Tim 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 Education 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

A quorum was present

III. Minutes from September 24, 2006 Executive Committee meeting minutes were moved for approval by Rebecca Dittmar-- Accepted unanimously

IV. Reports

A. President Report (Attached)

President de Haseth thanked the committee and past and future presidents for their service and especially Bonnie Saylor for keeping the Society running. He reviewed major issues: Collaboration with OSA spearheaded by Joel Harris and Bonnie Saylor, that three SAS members running for the FACSS offices, the Journal continues moving forward, the Student membership is growing, technical sessions at FACSS and PittCon, and the continuing work on SAS visibility by Curt Marcott and Steve Bialkowski, and the continuing challenge of Membership.

B. Secretary Report (Attached)

Minutes from September 24, 2006 (approved, see III above) were provided by former secretary Dave Lankin

C. Treasurer Report (Attached)

Chris Hassell discussed that for 2006 the SAS net income is negative, due to several issues being above Budget. Total income was also higher, but higher expenses occurred due to FACSS being at Disney, and higher member retention cost, plus some 2007 Journal costs being billed in 2006. A Final Treasurer's

Report will be an audited report—available in the Fall (Bonnie Saylor).

D. Executive Director Report (Attached)

Bonnie Saylor reported in summary that: the number of members for 2007 is 1227 down from 1464 last year (at this time), 2006 total was down only 19 from previous year, e-mail first notices for renewal did not work, will go back to (post) mailed notices, we are phoning missing members (by Inalink). Subscriptions also down by 6% in 2006, but due to OSA agreement are currently running higher in 2007 than at this time in 2006. Job site is now up but not used much, marketing efforts are planned. The big financial loss was the Wine and Cheese reception at Disney/FACSS, which was substantially higher than planned, ~\$15000.

E. Journal Editor Report (Attached)

Due to a flight delay Joel Harris report was summarized by Paul Farnsworth. The Journal runs well with steady total page count and return/rejection rate. Electronic submission works well but nets some less acceptable manuscripts—requiring editorial screening. Focal Point articles are returning to previous numbers. Some points reviewed were: file transfer to implement joint efforts with OSA, electronic version working, as of January had 3015 downloads, Allen track working well, turnaround is improving. Future Goals were addressed: the Journal needs an on-line only option, which is on the agenda below, since there is concern for ad revenue.

F. Newsletter Editor Report (Attached)

Dave Butcher reported he is looking for news, trying to get it out regularly, welcomes comments, less in summer. Becky Dittmar suggested that we play up the 50th anniversary, maybe a special logo. Committee agreed, Bonnie-will commission it.

G. Membership/ Report (Attached)

Membership and Education Coordinator Gloria Story reported she is still covering this on interim basis, covering both jobs. She reported looking at the Web Site page by page with Carrie Lendon of Publications Committee and concluding that it had a lot of good stuff, but recommended improved graphics and suggested automatic dropdown menus when the mouse crosses a link (mimic FACSS). She is getting contacts from members with problem getting confirmation of joining on line. Steve Bialkowski this needs a data base on line to send acknowledgement, he supposed there should be a page to go to on joining. Jim deHaseth—defer this issue to Web Site Committee. Bonnie Saylor noted that conversion of this position to just membership coordinator, needs a formal vote by membership on constitutional change.

H. Web Editor Report (Attached)

Steve Bialkowski needed to put a control on posting to Discussion Board, SAS members were not using it, but others were (spam). Detailed data on Web usage were provided. A discussion ensued of having a Commercial program for membership renewal and associated business, that could edit data base and get receipt and place orders. Jim deHaseth supported this, suggested we get others with experience in non-profits.

I. Student Representative Report (Attached)

Lacey Averett reviewed lots of opportunities for students, FACSS big difference is oral presentation option, attendance was not great, what to expect session-about jobs, exhibition opening got 28 new students, plus 11 more later, Pittcon will have a student reception/pizza dinner and activities, survey plus raffle, for making contacts. Building student chapters is the new effort using OSA as a model.

Becky Dittmar moved to accept the reports, Dave Butcher seconded. Unanimous acceptance

V. National SAS Committee Reports

A. Awards Report (Attached)

No representative was present— Marvin Margoshes report indicated nomination of honorary membership for Ira Levin, Norman Colthup

B. Constitution and Bylaws No Report

C. Local Section Affairs Report (Attached)

David Heaps reported efforts to try to get local sections active, Baltimore-Washington was his target. One concern is tax-exempt status, which can be done with National or on your own. He suggested developing a kit to help get started. Local sections are excellent for student involvement, retain membership, feeling you are a part of the Society. Technical section activities fall under this, he is trying to bring up connections with FACSS/Coblentz for dedicated sessions.

D. Nominating Report (Attached)

Robert Michel not present, report provided. Slate: President: Jon Carnahan, Joe Sneddon; Treasurer: Paul Bourassa, Mark Drury.

E. Publications Report (Attached)

Paul Farnsworth commented on Publications. Journal accepted articles in ASAP form which is recommended as second page proofs being put on line when ready.

F. Publicity Report (Attached)

Dave Butcher commented on need for new ideas for membership, and a need for a coordinator for activities session at FACSS that clearly align with SAS. John Chalmers commented the media list had address problem for Royal Society of Chemistry. Jim deHaseth raised the idea of technician level memberships. Dave Butcher felt it was not a big pool. Gloria Story felt companies would not support it.

G. Tour Speaker Report (Attached)

John Chalmers did some European activity, but there are no local sections, so he suggested use of national societies. One needs to let him know when a speaker is coming over, and advertise talk as part of tour. Target to IR-Raman discussion group, European Spectroscopy meeting, etc. Jim de Haseth said John might take lead, discuss with him, need to be opportunistic.

H. Meggers Award Report (Attached)

Doug Elmore's report states the Award was chosen: Pensak et al —add authors, Appl. Spectr. 60, 1399, 2006

I. Strock Award (Attached)

John Olesik report stated the Award was chosen for Detlef Gunther, ETH Zurich.

J. Fellows Committee Report (Attached)

Jim Winefordner's report provided 6 new nominees from the Committee. Jim deHaseth noted they had been asked to increase the list to 12, recognize members for their contributions. EC can supplement the Committee list from the floor, does need to be a member. (see below).

K. Lippincott Award Report (Attached)

David Lankin's report indicated a Nomination received for Jonathan Tennyson, University College London. This is an SAS nominee, OSA will coordinate, there will be a symposium at FACSS, Greg Klunder from FACSS will take care of it. It was recommended that an announcement be put out in Spectroscopy Europe.

L. Tellers No Report

Becky Dittmar moved acceptance, approved unanimously

VI. Delegate Report

A. FACSS Report (Attached)

Becky Dittmar gave summary of her extensive and detailed report. FACSS lost \$5K at Disney, due to low registration which will lead

to \$40 increase for registration. FACSS is trying to make improvements, but needs new people to get involved. Jim deHaseth mentioned that 3 SAS people going for positions on FACSS. Dave Butcher noted attendance problem was due to Disney. Access to restaurants, locked into locale, other problems which it is hoped will be addressed by changes to new locale?

B. Chemical Heritage Report (Attached)

David Trimble's report was recognized by Jim deHaseth as indicating the Chemical Heritage Foundation was moving forward, doing a good educational job. Becky Dittmar moved acceptance, approved unanimously.

Discussion of Allen Press Marketing with Bill Cunningham and Ladonna Clark

Report: they have been working for 7-8 months, in a learning experience, 2007 looking good, revenue looks to grow and expand, not all ads have renewed, Thermo for example, is holding for just a few. They will consult with clients on floor of PittCon. Discussion of strategies with committee. They project \$150,000 revenue, may go beyond, hoping for more contact with Committee, feel second quarter will have more discretionary money, and planning to do quarterly reviews. Joel Harris and Becky Dittmar—question interest in on-line ads—offer no interest. Bill Suggestion: is there should be market survey of readers purchase interests—mimic trade publication? Joel Harris—suggested they visit booths of small vendor/incubator companies, seek opportunity at PittCon. Several—suggest SAS members cooperate with interviews. Joel Harris—suggested meeting at booth and talk about who to visit. Steve--Suggest use of what's new column? Joel--we should try to feed in to Bill—new products can be a way to bring on new ads, give exposure initially and then buy in?? Separate Discussion—question of why no movement on on-line, Question why no report from Allen Press. Joel—ACS direct e-mail TOC has ads, sell as ad placement. Question could we go over to Ingenta for online ads?—we have no contract now. Ads for print ads are a separate contract, now joint—material can get into production on fast scale. 2 more years on contracts. Survey could bring out that decision makers are the subscriber base, it could indicate who has budget control. Need to interact with Allen to see if the ad situation can be improved.

VII. Unfinished Business

A. Online Journal -- Paul Farnsworth.

Ingenta article download, probably reaching normal use after learning curve. Pay per view—about flatten out—still going from back file pre 97, \$16/pub. He provided a list of download, nice trends were seen

B. FACSS Issues -- Rebecca Dittmar.

Gala/banquet -- if it was automatically included in registration and one could save by opting out vs. current situation where now need to opt in. Goal is to help people network. Lowest priority of survey for networking?? Problem of student rate? Question of free tickets around from organizing sessions, etc? Enhance employment bureau—integrate to web site?—now lack of employers, leads to few students. Needs to be online?? How is Pittcon online? Could it be used as a model? Discuss idea of using employment to attract users to our WebSite and our jobs site. Encourage seekers to join SAS after using site. Also approach companies—by giving member rate if they advertise/recruit at FACSS. WebCast talks (podcast) could be another venue to sell FACSS information—question of how to realize, but there is support to get some of the meeting content out to members. Also a question about how to do video and editing—would need to fall on FACSS. Joel – felt that overview of selected

section papers as a meeting “sub report.” Becky--Investing money better, we could offer suggestion. Need to have a balance for stabilizing the meeting. Marketing the meeting is needed to grow it, they are looking for suggestions. Jim—dedicate space in Appl Spec for advertising, but Newsletter a better option for us to get to members --best option, send promotion to meetings editor and work it into newsletter --suggest editor / president write a letter on importance of FACSS to SAS. Becky—there is a need to focus on biotech for Memphis—need to get leaders in to the meeting and get the word out. Structure--number of delegates on FACSS Committee—this remains a problem, statistically the members of SAS dominate FACSS, but only a part of the organization, why are some societies represented that are not participating?—this is an old question. Need long range planning committee delegates for FACSS, Becky's term ending. Dave Butcher is an at large SAS delegate. Need someone from SAS to be there. Gloria volunteer—1 PM Sunday, willing for 3 years.

C. OSA Update -- Joel Harris

Can find our articles by connections from Ingenta and OSA—link now up. Joel attended governance meeting, meet with editors, seeking vote on board editors. Seeing subscriptions move up due to getting it through OSA, they are better at keeping library subscriptions alive year to year. Some new developments are being worked on—e.g. student chapters joint SAS-OSA, they have some budget for it, speakers and a grant system are available if a joint chapter is created.

D. Applied Spectroscopy Ad Updates -- see above discussion- LaDonna Clark

E. Student Chapters -- Lacey Averett

She presented a survey of benefits - OSA being used as a model—got lots of detailed advice/joint chapter reviewed the structure, critical mass 5 students. Joel Harris—they are doing beta test site at Utah—cross discipline advantage. Becky—where is the need/gap for this development. How to grow, involve the local section—maybe improve the prize. Joel—should independently build bylaws for student chapters and come up with some benefits/budget. Each chapter hold own funds— independent. Member advisor provide continuity—use university structure. Suggest make a proposal for FACSS on how to go forward—need a new article for student sections. First have trial groups under OSA model (Utah). Becky Dittmar moved/TAK second— that Lacey Averett and Joel Harris and Dave Heaps form an adhoc subcommittee to investigate forming SAS student chapters and report back to the EC at FACSS on a proposal. Approved unanimously

F. SAS 50 Anniversary 2008 -- Bonnie Saylor

Gloria Story suggest combining a celebration with Raman on Wine and Cheese night—need to check with Mike Carrabba (increase funding). Joel feels inappropriate for fiftieth year. Logo needed for a fiftieth anniversary celebration—should be used on web site, journal, booth, etc.--Bonnie will work on this (from above). Meeting should have a special symposium, perhaps publish a special issue? Joel feels Meggars papers might make a good collection on a CD. Jim- supported a special symposium, provide some sort of branding, maybe use technical sections as focus— something should drive the session design? Need couple this to FACSS planning—emerging topics might also make a focus, but needs branding. Re-issue disk of history of SAS, include rebranding. Issue certificate of membership as a keepsake— mailed to continuing members (print at meeting for new members)

G. Web Site Committee -- Gloria Story

Gloria and Stacey have reviewed the Web Site page by page. They feel it has a lot of content. They went through it and made comments on design. A need was felt to simplify navigation. Technical sections are missing and there is a problem of content, which needs writing (the same is true of material for local sections). "What's new" section is an experiment and is not working well, since the instrumentation gets out of date. Corporate ads are tied to sponsorship and must be on first page, but take up room, Is there a better way to show them? Jim—questioned if it be put together a different way, he provided a quote on a suggestion from a Web Designer. Idea is that he will give us the code and/or put up more pages, if contract extended. Need, an on-line store for memberships, t-shirts, etc. that could take payment and information plus provide confirmation in a single sitting. Steve stated we can make patched in components linking to a service for moderate fee, but it would have a single type of use, \$60/mo--\$120/mo with service, that would support the office. Jim/Bonnie—on-line member directory needed. It needs to update info so that data is good enough to allow submitting form and getting acknowledgement. Steve feels that like web designer idea, there should be a link to renew on Web home (first) page, suggests we go with redesign/cosmetic improvements. Security still needs to be addressed for next phase. Online registration is up. Becky Dittmar moved and Chris Hassell seconded--that Jim move forward with this web site redesign concept that incorporates comments from the EC and the Publications Committee at PittCon. Approved unanimously

VIII. New Business

A. Joint SAS/OSA Membership -- Joel Harris

B. Membership and Subscription Fees for 2007 Bonnie Saylor - - Joel Harris

Joel—members do not have room to collect the paper edition, now do electronic only for International to avoid mailing (give them US price). Print and mail 1 subscription costs \$23/year (based on added copy cost). Question is to test members to see if they want print edition. Will lose print subscription numbers—that means advertising revenue—but will save on print cost. Print and mail cost SAS ~\$40k which equals 2/3 of ad revenue (i.e. cannot give up advertising). Dave Head suggested we use download ads that would come with reprints/article downloads. Ingenta has way to sell electronic ads. Joel Harris suggested a dues change to \$75, but discount back to \$65 if only electronic edition were taken (note difference would work by saving the \$23 for printing, ignoring all other factors). Libraries Infobase is only electronic, if subscribe they get print and electronic edition. Could newsletter do ads? Same issue as getting ads in electronic journal. Need to solve this. Becky Dittmar move/TAK second—That we increase the regular dues to \$75 for print and on-line access to the journal and discount them to \$65 for receipt of the journal in electronic form only. Student member dues would increase to \$25 and be discounted to \$20 for electronic journal only. Canada and Mexico members with Print and online go to \$90 with \$65 for on-line only. International dues would increase to \$115 for print and on-line and \$65 for on-line only. (Bonnie to check numbers) Carried unanimously. Becky Dittmar moved/Chris Hassell second—SAS will change the bylaws to reflect the change in dues structure noted above. Passed unanimously.

B. Joel Harris – suggested we develop joint OSA-SAS membership

OSA would host joint membership sign up from their site, would aggressively market and work to maintain memberships. Concern was expressed about cross branding, but overlap small now so our

loss exposure small. Chris Hassell moved/TAK second— that SAS undertake a trial for 2008 of offering a joint OSA-SAS membership with a (~25%) discounted membership dues. Carried unanimously.

C. Electronic Applied Spectroscopy Distribution -- Joel Harris

Joel Harris--suggested making it a default to get TOC of journal, online access make automatic. Becky Dittmar move/Chris Hassell second— That SAS make delivery of the Journal Table of Contents in electronic form a default benefit of membership. Carried unanimously.

D. Focal Point Authorship -- Joel Harris

Proposal was made to offer an honorarium for Focus Article authorship and double it if article arrives on time, budgeted at a 6 per year cost of about \$3000. Joel asked for permission to try it as an experiment. This amount is probably available in the travel budget. Ask \$250/article max double to \$500 if on time. Chris Hassell moved/John Chalmers second—that we authorize for Joel to offer up to \$250 honorarium to write a Focal point article for Applied Spectroscopy and offer and added \$250 for submission on time, by previous agreement with the editor. Pass unanimously.

E. Copyright Permissions -- Jim de Haseth.

Jim deHaseth and Peter Griffiths are writing revised text, when requested copyright permissions they were asked for money for reproducing figures. Wiley and other publishers normally have such charges, there was a question of the benefits and costs to Applied Spectroscopy. Seems our tradition is for reproduction of small numbers of figures, on request from author, we have had no charge, but if a publisher asks to reproduce a large amount we have a charge structure. There is a need for a uniform policy to be fair to all. Referred to committee—asking publication committee to propose a policy.

F. Inactive Local Sections -- Bonnie Saylor.

Request KC section be declared inactive. They have no activity and need to reorganize to be viable. Becky Dittmar move/Chris Hassell second—KC local section is declared inactive. Passed unanimously. Chris Hassell discussed the amounts of funds in local sections that are not being used. It was suggested that SAS recover some of this annually if it is not used and put it in a reserve fund. Suggestion made to send out a letter of ideas with ways to utilize the funds in a way that could benefit memberships. Referred to Tech Local Section Committee to hash out a proposal and ask that Treasurer come up with balance limits and financial plan.

G. Voting on Awards and Nominations -- All

Candidates for honorary membership, Distinguished Service Award, Fellows, President, and Treasurer were nominated and approved.

H. Donation to ICORS 2008 -- Chris Hassell

John Chalmers propose that similar grant was done to ICAVS- Nottingham, and now wants to help fund student participation at ICORS 2008. Becky Dittmar move, Chris Hassell second – that SAS donate \$1000 to ICORS 2008 for student grant for attendance with required presentation at the meeting. This was unanimously accepted.

I. Governing Board Delegates -- Rebecca Dittmar

Delegates have a problem in getting a quorum for Governing board meeting. Discussion of question how to make it more attractive to come to the Governing board meeting and have people identified to actually work on the society

J. Retreat -- Bonnie Saylor

Discussion of need for a long range thinking about the society. Been overtaken by efforts on the FACSS and our role. We moved

PittCon EC to a business meeting. Retreat is for the long range. Things have been lost from this process, need recover to build society and find new directions. Proposal: Retreat Sat 4-8 and then Business meeting Sunday 8-? All Agreed

K. Adjournment.

John Chalmers moved, TAK seconded the motion.

EXECUTIVE DIRECTOR'S REPORT

OCTOBER 2007

BONNIE SAYLOR

Membership

2007 to date: 1624

This time last year: 1796

Membership Breakdown USA 1413 International 211

Academic Non-Student 2007: 361 Student 203 Non-Academic 1060

Academic Non-Student 2006: 400 Student 150 Non-Academic 1246

Total New Members for 2007 212

Total New Members for 2006 161

Total New Members for 2005 205

Total Not Renewed for 2006: 320

Total Not Renewed Last Year: 462

2007 Registered for Online Access 474

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 Local Section 2007 776

Total enrolled in Local Section 2006 889

Total enrolled in Local Section 2005 1139

Total enrolled in Local Section 2004 1351

Total enrolled in Local Section 2003 1987

Total enrolled in Technical Section 2007 755

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 2007 95

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

Subscriptions

2007 To Date: 821

Last Year This Time: 714

Subscriber Breakdown USA 554 International 267

Total Not Renewed for 2007: 86 Total New Subscribers for 2007: 199

This Time Last Year: 75 This Time Last Year: 35

Total New Print Subscribers for 2007 SAS 24 Total New Print Subscribers for 2007 from OSA 15

Total New Online Subscribers from OSA 160 Registered for Online Journal 455

OSA 2007 Numbers 175 2006 Subs switching to Infobase 10 2006

Subs Switching to Print OSA 170

2007 Registered for Online Access 455

2006 Registered for Online Access 417

2005 Registered for Online Access 420

2004 Registered for Online Access 377

2003 Registered for Online Access: 374

2002 Registered for Online Access: 321

2001 Registered for Online Access: 273

2007 Signed License on File: 325

2007 No License on File: 130

Members

Membership is down significantly this year – 172 . The only possible explanation at this point (other than folks do not want to be members any longer) is the change we made in our renewal process. Last year we started off our renewal campaign by emailing our notices rather than mailing them. Additionally, we chose to use, Inalink, the firm that has done our comeback third notice campaigns with much success over the past few years, to do our second notices. I am not sure whether we threw everyone off by doing things differently or not. This occurred a few years ago with our election when we began doing things electronically. It took two years to shake out and get back to the norm. We are trying the electronic first notices again this year, but will do paper second notices to see if there is a difference. We have completed several marketing campaigns this year including mailings to non-member authors, EAS 2006, PITTCON 2007, ASMS Mailing List, FACSS mailing list, American Association of Clinical Chemists mailing list, and the Winter Plasma mailing list.

Promotion Code

AACC 5; ASMS 8

Authors 2; Brochure 1

Chalmers 1; Chicago Student Award 2

Come Back 07 21; Corp Spons Comp 9

FACSS 2006 Mail List 15; FACSS Booth 06 33

FACSS via FACSS 06 2; FACSS Student Promo 2006 29

INALINK 07 182; LN 07 2

MGM 07 5; Pittcon 07 22

Pittcon 2007 Mail List 11

Poster Session 4

SAS PPL Card 07 11

Secure Server 07 241

Sub Svc 07 2

Telephone 07 34

UEM 07 1

Utah 07 13

WWW 07 40

Subscribers

Subscribers are up significantly this year as predicted because of our new relationship with OSA..

Corporate Sponsors

We currently have 15 corporate sponsors.

Finances

The budget has been prepared and will be presented by Chris Hassell. We received the management comments from the 2007 audit right after PITTCON. The comments were all good.

Local and Technical Sections

Local and Technical sections continue to struggle with getting volunteers to serve as officers and with getting people to attend meetings. The following is a breakdown of membership in technical and local sections:

Technical Section

Atomic Spectroscopy 139

Biotechnology 23

Chemometrics 27

Chirality 47

Fluorescence 45

Forensics 30
 Imaging 39
 Laser Sampling 7
 NIR/Council for Near Infrared Spectroscopy 58
 Polymer Characterization 10
 Process 25
 Vibrational Spectroscopy/Coblentz Society 305
 Total 755

Local Section

Arizona 14
 Baltimore-Washington 61
 Chicago 93
 Cincinnati 19
 Cleveland 36
 Delaware Valley 39
 Detroit 14
 Houston 22
 Indiana 23
 Intermountain 17
 Kansas City 16
 Mid-Michigan 19
 Minnesota 31
 New England 95
 New York 64
 Niagara Frontier 7
 Northern California 51
 Ohio Valley 21
 Pacific Northwest 13
 Penn-York 5
 Piedmont 31
 Pittsburgh 23
 Rio Grande 8
 Rocky Mountain 26
 Saint Louis 17
 Snake River 11
 Total 776

REPORT TO THE SAS EXECUTIVE COMMITTEE

**JOEL M. HARRIS, JOURNAL EDITOR
OCTOBER 1, 2007**

Applied Spectroscopy has run smoothly since our meeting in March. The production costs for the journal are staying low thanks to continued aggressive management of manuscript quality, length, and color page costs, along with control of error costs in proofs, figures, and production by Rebecca Airmet. For the past year, Rebecca has provided format-marked manuscripts electronically to Allen Press including equations, so that papers are 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. Allentrack, our new electronic manuscript submission, reviewing, and tracking system has been running smoothly. There have been 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 ~38 days. Some papers receive two reviews in less than a week.

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) was signed last fall and became effective January of this year. Through August, we have averaged 3730 full-text PDF downloads of articles from *Applied Spectroscopy* from InfoBase per month (over 31,500 from September 10). This is comparable to the full-text article downloads that we provide through Ingenta, so that OSA hosting is nearly doubling the electronic distribution of our content.

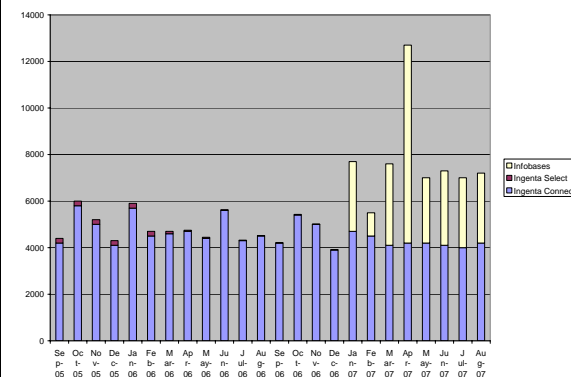
The Editorial Board will be discussing questions regarding on-line advertising, PDF policies and pricing, optional page charges (with benefits), and open-access publication options at its meeting on Monday. We will report any suggestions for policy changes on these issues following discussion at this meeting and after other board members have an opportunity to contribute via e-mail.

**ONLINE JOURNAL REPORT, FACSS 2008, PREPARED
SEPTEMBER 17, 2007**

PAUL B. FARNSWORTH, EDITOR

Online Activity

The numbers of full text downloads of Applied Spectroscopy articles from both Ingenta and OSA Infobases are summarized in figure 1.



Our electronic material began to appear on OSA's infobase during the fourth quarter of 2006. The volume of traffic on Infobases is impressive, and it does not appear to have had a significant negative impact on the activity on the Ingenta site. For the present, at least, the inclusion of Applied Spectroscopy on Infobases has resulted in a large net gain in access to our papers. Such a gain can only improve citation statistics. There will be a lag time before we see any effect on our impact factor, but I am confident that the effect will be positive.

Pay-per-view activity through Ingenta and Infobases for ten quarters has been graphed. In the case of pay-per-view access, the activity in Infobases appears to have caused a measurable decline in the number of articles purchased through Ingenta. With the combination of the two sources of our content, we are selling more articles than we did through Ingenta alone, but the shift to Infobases has caused a modest decrease in revenue. When we sell a paper through Ingenta we get the entire amount (\$16) paid for the download. We receive only \$8 for each download through Infobases. It is important to keep in mind that pay-per-view is only a small part of the revenue picture in our agreement with OSA, and the small losses we are seeing are not significant.

**TREASURER'S REPORT
CHRIS HASSEL
SEPTEMBER, 2007**

	2007 Final Budget	2007 as of 14-Sep	Percent Used	Projections Until Year End	Total Inc/Exp Projected	2008 Proposed Budget
REVENUES						
Education Programs	\$2,000	\$0	0.00 %	\$0	\$0	\$0
Focal Point Book	\$500	\$123	24.60 %	\$50	\$173	\$500
Member Dues	\$123,000	\$110,913	90.17 %	\$2,000	\$112,913	\$115,000
Journal Income	\$600,000	\$623,561	\$103.93 %	\$10,000	\$633,561	\$635,000
Chapter Income	\$1,000	\$0	0.00 %	\$500	\$500	\$500
General Contributions	\$4,500	\$4,400	97.78 %	\$400	\$4,800	\$4,500
Investment Income	\$25,000	\$21,333	85.33 %	\$10,000	\$31,333	\$28,000
Miscellaneous Income	\$2,000	\$934	46.68 %	\$500	\$1,434	\$2,000
Total Revenue	\$758,000	\$761,264	100.43 %	\$23,450	\$784,714	\$785,500
EXPENSES						
Salaries	\$146,000	\$105,961	72.58 %	\$40,000	\$145,961	\$153,000
Payroll Taxes	\$12,500	\$8,118	64.94 %	\$3,600	\$11,718	\$13,000
Personnel Benefits	\$4,500	\$290	6.44 %	\$400	\$690	\$2,000
Executive Committee	\$25,000	\$12,798	51.19 %	\$13,000	\$25,798	\$25,000
Governing Board	\$1,500	\$0	0.00 %	\$1,500	\$1,500	\$1,300
Membership Committee	\$200	\$0	0.00 %	\$0	\$0	\$200
Other Committees	\$1,500	\$1,225	81.66 %	\$600	\$1,825	\$2,000
Journal	\$400,000	\$287,957	71.99 %	\$112,000	\$399,957	\$400,000
Newsletter	\$1,000	\$500	50.00 %	\$500	\$1,000	\$1,000
Internet Services	\$2,500	\$553	22.11 %	\$1,500	\$2,053	\$2,500
Member Services	\$8,000	\$8,972	112.14 %	\$3,000	\$11,972	\$15,000
Member Education	\$2,000	\$0	0.00 %	\$0	\$0	\$0
Awards	\$20,000	\$7,075	35.38 %	\$15,000	\$22,075	\$33,000
Sections	\$20,000	\$1,710	8.55 %	\$15,000	\$16,710	\$18,000
Conferences	\$8,000	\$2,657	33.22 %	\$3,000	\$5,657	\$8,000
Member Acquisition/Retention	\$12,700	\$12,565	98.94 %	\$2,000	\$14,565	\$15,000
Society Office	\$100,000	\$57,269	57.27 %	\$30,000	\$87,269	\$90,000
Financing Expenses	\$3,600	\$3,270	90.84 %	\$1,000	\$4,270	\$5,000
Depreciation Expenses	\$1,500	\$4,521	301.42 %	\$300	\$4,821	\$1,500
Total Expenses	\$770,500	\$515,440	66.90 %	\$242,400	\$757,840	\$785,500
NET ORDINARY INCOME	-\$12,500	\$245,823		-\$218,950	\$26,873	\$0
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	\$0	\$245,823		-\$206,450	\$39,373	\$12,500

NEWSLETTER EDITOR'S REPORT

DAVID BUTCHER
AUGUST 20, 2007

Four issues of the newsletter have been published since our last report, as detailed in the table below. They have focused on the SAS Student Awards; the new employment service and FACSS 2007 in Memphis; our new student representative, and requests for award nominations.

Issue	Topic
March 2007	SAS Student Awards Presented at FACSS
April/May 2007	SAS Employment Service, FACSS 2007 in Memphis
Summer 2007	New SAS Student Representative, Michelle Meighan
August 2007	SAS Award Nominations

MEMBERSHIP/MEMBERSHIP EDUCATION COORDINATOR'S REPORT

GLORIA STORY
AUGUST 2007

Since my last report (January 2007), I've participated in the following activities: 1) Meeting and signing up members at our booth during PittCon 2007, as well as attending the following PittCon 2007 meetings/events: a) Executive Committee Meeting; b) FACSS long-range planning meeting; c) Publications Committee Meeting; d) Local/Technical Section Round table; and e) SAS Student reception. With Carrie Lendon, I presented our work to analyze the current SAS website for future upgrading at both the Executive and Publications Committee meetings (contact me at story.gm@pg.com if you'd like to have a pdf file of the full analysis of our website); 2) Nominating and then voting for speakers for our PittCon 2008 50th Anniversary Symposium "50 Years of SAS: Looking to the Future with Atomic Spectroscopy/Vibrational Spectroscopy"; 3) Helping to select our 50th Anniversary logo; 4) Trying to help decide what to do about the Student Award Symposium for FACSS 2007 (one poster winner wouldn't have a slot to speak at the symposium if we keep to our current award count). My idea was to just have them talk faster...at least it made our Executive Director laugh; 5) Facilitated a new member's need to get a membership dues receipt quickly for a refund deadline on her end (it would be great if a receipt was sent via email immediately upon applying on-line); and 6) Facilitated a long-time member's need to get back into their Ingenta on-line account. This was a bit sticky because the easy way to do this is to have Ingenta send your password to your email account...which in this member's case...was closed. So, when all else fails...what's a membership chair going to do? Tell them to call the office (Victor!).

At the end of April, Bonnie sent out the news that I was officially coordinator of the SAS National Membership Committee. The committee members are David Schiering (Smith Detection), Jessica Jarman (GE Plastics), and me (Procter & Gamble). Our goals are to create/suggest: 1) Short-term ideas to increase membership; 2) Long-term ideas to increase membership; 3) New membership initiatives; 4) New membership benefits; and 5) Membership retention. We meet face-to-face at FACSS and PittCon, with any needed email meetings in between. Reports are to be submitted to the EC and Governing Board before FACSS and PittCon each year. To kick off this committee's activity, I surveyed Carrie Lendon's and my recent analysis of the

SAS website for a complete listing of current member benefits and sent them off to my committee. The list I generated is as follows:

- 1) A peer-reviewed journal...both hardcopy and digital...to read and to publish in;
- 2) A vast network of spectroscopists that can be tapped into using the yearly-mailed Membership Directory;
- 3) The Spectrum Newsletter for the latest news in member activities;
- 4) Discounts for other journals - Analytical and Bioanalytical Chemistry, Journal of Analytical Atomic Spectrometry, Spectrochimica Acta B, Spectroscopy Letters;
- 5) Discounts on registration to SAS meetings (PittCon and FACSS);
- 6) Sponsored technical sessions at major meetings (PittCon, FACSS, ICAVS, EAS, etc.);
- 7) An invite to the famous Wine and Cheese Awards Reception at FACSS;
- 8) Free access to employment services for those seeking employment;
- 9) Fee-based employer access to potential employees targeted with spectroscopy interests;
- 10) Access to affiliate societies - American Institute of Physics (AIP), Coblenz, Council for Near Infrared Spectroscopy (CNIRS), Federation of Analytical Chemistry and Spectroscopy Societies (FACSS), The Instrumentation, Systems, and Automation Society (ISA), Optical Society of America (OSA); 11) Access to discounted short courses;
- 12) Avenue for nomination and reception of prestigious awards
- 13) Membership in local and/or technical sections for networking and continuing education; and
- 14) Access to tour speakers to support local and/or technical section programs. As one committee member suggested, "Maybe we just need to market ourselves so that people remember all the perks of membership, and new members know what they're getting. It's a pretty nice list!" I think it is easy to see that we have a tough job ahead. What more could a spectroscopist possibly want? Any ideas from members-at-large are gratefully accepted!

SOCIETY FOR APPLIED SPECTROSCOPY WEB EDITOR'S REPORT

OCTOBER 1, 2007
STEPHEN BIALKOWSKI

In the report, it was stated that the internet service provider (Interland or web.com) had initiated major changes in the way the server was maintained. Those changes initially caused problems. However, the web site and email account maintenance software is easier to use. It is more flexible. The server speed has also increased. This not only facilitates web browsing, but also editing and maintenance has improved. Web site and email maintenance has become more transparent. More can be done by the administrator so solving problems is easier.

There are still issues with the email and the level of spam. Spam volume went up significantly a few months ago. However, spam seems to have all but stopped now. Apparently the spam problems have been addressed by the ISP. 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. Previous time-intensive tasks such as employment and journal titles and abstracts posting are now done by others. Employment service is now a pay-for service hosted by Job Target. Titles, abstracts, and journal (Applied Spectroscopy) content are all hosted by Ingenta.

I am not received the updated web site template from the company that James De Haseth contracted for the new web design.

The web use tracker is still running and there are reliable statistics for the number of times the main web page is accessed. These are summarized on the following pages. Over half of the web site access has been from within the United States. This is followed by Asia and then Europe. However, the USA web sites are chosen because they have a .com ISP. But .com web addresses are not necessarily unique to US clients. The major Asian countries accessing the SAS site are Japan (5.5%), China (1.5%), Taiwan (1.2%), Iran (1.1%), and India (1.0%). The main European countries are UK (2.9%), Germany (2.6%), and France (1.4%).

As previously noted, use of the web has been declining over the last years. Besides declining membership, reason for the decline are that journal abstracts and titles are no longer posted on the SAS web site, and job listings and vita posting are now off-site at JobTarget.com.

Continents	Unique Visitors	
North America	2593	64.48 %
Asia	639	15.89 %
Europe	506	12.58 %
Unknown	129	3.20 %
South America	72	1.79 %
Oceania	42	1.04 %
Africa	38	0.94 %
Central America	2	0.04 %

Last 20 Months	Unique Visitors
February	111
March	126
April	124
May	97
June	81
July	88
August	62
September	82
October	85
November	92
December	82
January	88
February	79
March	73
April	38
May	53
June	36
July	52
August	51
September	50

**SAS STUDENT REPRESENTATIVE REPORT
LACEY AVERETT
FALL 2007**

This year there have been several occasions for students to grow professionally; through research presentations, increased knowledge on what to expect after graduation and increased networking opportunities.

At PITTCON the SAS hosted a pizza dinner for students as a venue to increase networking opportunities. There was a survey that was distributed to help students learn about each other, the SAS, and its members. This survey proved to be useful tool in promoting communication between attendees. At this event prizes were raffled as an incentive for students to attend and interact. I greatly appreciated all the executive committee members that took the time to attend. It is always very useful for the students to have these types of opportunities to meet and get to know other members in the SAS.

We are still working on getting student chapters going. I will be working with David Heaps to get them off the ground.

FACSS provides many facets for students to grow professionally. As members of the SAS the students are given an additional opportunity to present their work through the SAS poster session on Sunday evening. GE Plastics hosts a brown bag lunch where students are able to gain more information about spectroscopy in the workforce. It can be a very informative discussion that is valuable to students who are near to graduation.

Finally, I would like to add that I am now nearing the completion of my term as Student Representative. It has been a pleasure to represent the students in the SAS and I look forward to future service in the SAS.

**AWARDS COMMITTEE REPORT
SUMMER, 2007**

MARY CARRABBA, CHAIR; JULIAN TYSON, CHAIR-ELECT; MARVIN MARGOSHES.

The Awards Committee selected Gary Dobbs of the Georgia Institute of Technology as this year's SAS Graduate Student Award winner. Mr. Dobbs was chosen from a field of 12 highly accomplished nominees.

As was the case in 2006, several nominations were received that ideally would have contained more detailed research descriptions. To reiterate two suggestions made in the committee's summer 2006 report, we recommend that the nomination solicitation include a specific requirement for comprehensive research descriptions. One manner of achieving this might be to call for copies of *all* of the candidates' publications. Secondly, we recommend submission and distribution of all materials in an electronic format. Not only would electronic copies of materials ease the committee's job, but it should also facilitate the submission of more research detail with the nominations.

Finally, due to the high caliber of this years' candidates, we recommend that the National Office strongly encourage nominators to re-submit their candidates again in 2008 should the students still be eligible.

**LOCAL AND TECHNICAL AFFAIRS/POEHLMAN AWARD
FALL 2007
DAVID HEAPS**

The committee has chosen the New York section as this years Poehlman Award winner.

Last year I spent quite some time and effort attempting to activate the Baltimore-Washington Section. Getting 15 to 20 people to simply attend the meeting ended up being failry

reasonable compared to finding leaders willing and able to organize the meetings. Attendees were more than happy to be just that, but felt that time constraints limited their ability to help organize or take leadership roles in the section. I am immensely grateful to the two members who gave their own valuable experience to help reactive the Baltimore-Washington Section. My gratitude goes to Mazen Hamad and Jeb Taylor.

This year I have attempted to focus in on my goal to start up the International Local Sections. I unfortunately cannot do it alone and hope for the cooperation of many of my fellow SAS members. If all goes well, the support I get on this project will greatly influence the work our Society can do.

Lacey Averett and I are still working on making student local chapters. These student chapters could range from 1-4 colleges and/or universities. I am hoping that they will work with the local sections that they are in to help build up support and activate. Getting students active early and keeping them active in SAS work helps keep them productive as full members of SAS. Lacey and I are going to keep looking into the OSA model and see if the SAS and OSA could combine the student chapters.

SAS PUBLICATION COMMITTEE REPORT SEPTEMBER 2007

CURT MARCOTT, PUBLICATIONS COMMITTEE CHAIR

The SAS Publication Committee met Monday, February 25, 2007, at the Chicago Hyatt. Committee members Curt Marcott, Larry Nafie, Rina Dukor, along with Joel Harris, Paul Farnsworth, Jim de Haseth, David Butcher, Steve Bialkowski, Gloria Story, and Bonnie Saylor were present. Bill Cunningham and LaDonna Clark from the Alliance Communications Group (The Publishing Division of Allen Press, Inc.) also attended.

Journal. Journal Editors Joel Harris and Paul Farnsworth reported that our content began appearing on the Optical Society of America (OSA) Infobase in the fourth quarter of 2006. As a result, the number of full pdf downloads doubled during Jan. 07, with 3015 electronic hits coming from OSA's Infobase. Bill Cunningham and LaDonna Clark from Allen Press reported \$70,000 revenue from advertising during 2006. It was suggested that the technical content of the Journal be made available to potential advertisers two months prior to publication in order to entice them to place an ad.

Website. A website subcommittee of the Executive Committee consisting of Becky Dittmar, Carrie Lendon, Gloria Story, Bonnie Saylor, Dave Butcher, Stephen Bialkowski, and Jim de Haseth continues working on a plan for updating the SAS website. The Publication Committee recommended proceeding with a redesign of the website. Jason Smith (Saffron Design) has provided a quote for \$3,790 to redesign the website for S-A-S.org, including a new page design and navigational structure, followed by creation of 48 major section pages and 78 sub-section pages.

Copyright Status of Figures for Other Publications.

SAS currently charges a \$30 royalty for permission to reprint a figure originally published in *Applied Spectroscopy* and took in \$36,000 last year doing so. A suggestion was made to the Executive Committee that this cost be waived for chapters, reviews, or books, as it good for the Society to have the Journal's figures reprinted. It was proposed that a donation of \$10/figure be requested instead for figures to be reprinted in scholarly work (i.e., not used for advertising).

Publicizing FACSS in Applied Spectroscopy. The Long-Range Planning Committee of FACSS is requesting that *Applied Spectroscopy* advertise the FACSS conference more,

including emphasizing the locations and dates more on the meetings page, and advertising on the cover 3-4 months in advance of the conference. FACSS will need to provide the necessary materials.

REPORT OF THE SAS PUBLICITY COMMITTEE DAVID BUTCHER AUGUST 20, 2007

The SAS Publicity Committee did not meet during the last six months. 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.

Another initiative that might have the potential to attract membership is the student travel program for FACSS being run by the Piedmont Section. This program provides student travel support for student members whose directors are also society members.

SAS TOUR SPEAKER REPORT JOSEPH SNEDDON

1. Barry K. Lavine , Oklahoma State University. I traveled to Case Western Reserve (Cleveland, Ohio) to give a talk on April 26th entitled, "Compound Specific Imprinted Nanospheres for Optical Sensing." There were approximately 30 people in attendance at the talk. A dinner and social hour was held at Case Western one hour before the presentation. Ken Street served as host.

2. Mark M. Merchant, McNeese State University. I made a presentation to the New York Chapter of the SAS on April 25, 2007. The meeting was attended by approximately 25 members with good success. I was contacted after the meeting by Colgate-Palmolive concerning a potential collaboration. I made a presentation to the Baltimore Chapter of the SAS on April 26, 2007. The meeting was attended by approximately 35 members. The presentation was met with great interest, with many questions and suggestions to meet my goals. Unfortunately, due to unavoidable airline mechanical problems, I was unable to attend my scheduled speaking engagement in Boston on April 24. However, the Boston Chapter of SAS has invited me to visit in the fall of 2007 to reschedule this event.

3. Paul Pantano, University of Texas at Dallas. Day one (24 April 2007) involved travel from DFW airport to Asheville, N.C. I was picked up at the airport ! by David Butcher and following dinner in Asheville, we drove to Western Carolina University (WCU). After spending the night in campus housing, I was given a tour of the WCU chemistry department on day two, where I met with half a dozen faculty members and at least a dozen students. After lunch, I made presentation to the WCU chemistry department concerning disposable microscope objective chemical sensors. After this talk, a group of WCU faculty and students escorted me back to the Airport Holiday Inn in Asheville. Following the SAS social hour, dinner, and meeting, I gave my second presentation concerning the uptake of bio-compatible SWNTs by living cells. I spent the night in the hotel and departed for Dallas the following morning, day three (26 April 2007).

4. Doug Gilman, Louisiana State University. On April 17th, 2007, I attended a meeting of the Chicago SAS Section and gave a talk titled, "Analysis of Individual Submicron Particles and Applications to Protein Aggregation and Misfolding Diseases". Fred Swiecinski of Nalco Co. took care of me during this part of the trip, and the meeting was well attended. On April 18th, I flew to Detroit to attend a meeting of the Detroit SAS Section, where I gave the same lecture. Keith Olson gave me a tour of his laboratories at General Motors and served as my host for most of this part of the visit. The meeting was held at the corporate headquarters of Kelly in Troy, MI.

5. Luis Colon, SUNY at Buffalo. Title: Put on more pressure or take it off: increasing separation speed in HPLC. Date: April 17, 2007. Location: St Louis Airport Marriott Hotel, St Louis, MO.

6. Steve Soper, Louisiana State University. I was scheduled to visit three locations as the Society for Applied Spectroscopy Tour Speaker; (1) Utah, (2) Northern California and; (3) Idaho.

May 9 – Northern California. This trip was cancelled due to Airline cancellations. It has not been rescheduled at this time.

May 10 – Idaho. I arrived in Idaho Falls on the late evening of May 9 and on May 10, visited Idaho National Laboratory and the University of Idaho. Rene Rodriguez was my host while in Idaho Falls. The talk was given on the evening of May 10 following local ACS and SAS award presentation for students. The title of my talk was, "The Role of Fluorescence Spectroscopy in Single Cell and Single Molecule Detection: Applications in Biology, Medicine and Drug Discovery."

August 26-28 – Utah. On August 27, 2007, I presented a joint symposium on the University of Utah campus between the Department of Chemistry and the Society for Applied Spectroscopy. Edward Eyring was my host while in Utah. The title of my talk at Utah was, "Single Cell and Single Molecule Detection: Applications in Biology, Medicine and Homeland Security."

REPORT OF EUROPEAN SAS TOUR PETER GRIFFITHS

On March 15, I traveled from Dresden to Krakow, Poland (average travel time, 11 hours each way), where I spoke to a group of about 40 people, largely from the two universities in Krakow (Jagellonian and Krakow AGH). Before the talk (as for all talks), I gave a commercial for the SAS and left brochures to be picked up at the end. There was definite interest, but I have no idea whether it led to anyone signing up. One student made the point that all financial transactions in Poland are done electronically and not by check. (This at least proved that one person was thinking of joining!) Apparently, few students have credit cards. It would be worthwhile checking the feasibility of allowing subscriptions to be made electronically. However, from personal experience, I would have to say that transferring money to a US account is far from easy. My host was Professor Mirosław Handke of Krakow AGH. He picked me up from the airport and accompanied me to dinner the night that I arrived and to lunch before my talk but had a personal commitment that evening, so I was on my own for dinner. I was shown around the spectroscopy labs and was impressed by the fact that there were three Raman spectrometers in one lab, including two that were less than one year old. Now that Poland is a member of the European Economic Union, it will be much easier to keep their instrumentation at the state-of-the-art than before.

The next trip (April 1 to 7) was to Dortmund, Germany and Sheffield, England. I was met at Dortmund station by Dr. Heiner Korte and his wife Monika, who I had met previously at a CSI meeting in Ankara, Turkey. After registering in a hotel near Heine's house, I ate dinner with him and Monika. In the morning, after a quick tour of Dortmund, we went to ISAS, which is a famous research institute in Dortmund, with a branch in Berlin. This was originally called the Institute for Spectroscopy and Spectrochemical Analysis; however, in the last five years, it has changed its emphasis from spectroscopy to miniaturization and metabolomics. I met with several scientists, including Dr. Michael Heise, who has been one of the most productive people in molecular spectroscopy over the last 20 years. The fact that he is taking a forced early retirement in 18 months time suggests that molecular spectroscopy will soon no longer be an area of expertise in this lab. I went to lunch with Dr. Heise and a colleague. After lunch, I was shown around the labs and gave my talk in the late afternoon. My talk was attended by over 50 people, including many famous retirees, such as Drs. Schader, Nickel and Röseler. Part of the reason for their attendance was that Dr. Korte was to receive honorary membership of the spectroscopy group of the GDCh (the German equivalent of the ACS) after my talk. Professor Jose Broekart, who is the current president of this group (four-year term) and the European associate editor for *Applied Spectroscopy*, came from Hamburg to make the presentation. After this, a group of about 20 people (mainly over the age of 60) including me met for dinner.

The following morning, I met for about an hour with Jose Broekart, who gave me a brief summary of European spectroscopic politics. Although we were staying at the same hotel, this was not a planned meeting and so my notes were rather garbled. Suffice it to say that formal spectroscopy groups exist in at least the following countries, usually under the auspices of the country's chemical society: Germany (Broekart), Spain (Sanz-Maedel), Italy (Tintarelli), France (Mermet (retired?) and Denard), Holland (Deloos), Switzerland (Zenobi), Norway (Thomassen) and Poland (Bulska), as well as Hungary, Bulgaria and Rumania. Possible contact names (probably misspelled) are shown if Dr. Broekart was able to give me a name; these names should be useful contacts. I then met with Arnulf Röseler, who has recently retired but is still very active in his area of specialization (infrared ellipsometry), to discuss topics of mutual interest for an hour. Then Dr. Korte drove me to the University of Essen, where I was to meet with Heinz Siesler's research group. Dr. Siesler was teaching from 11:30 a.m. to 2:00 p.m. and so I was taken to lunch by one of his associates. In the afternoon, each of the members of Dr. Siesler's group gave a presentation on his/her research. Considering that this was the first time that several of them had made a formal presentation in English, they did a great job. I showed some of the results from my own group, after which, Heinz Siesler and I had a very quick dinner before he took me to the airport, for my flight to England. I was met at Leeds-Bradford airport by a friend who was my last flat-mate in Oxford; I stayed at his house in Sheffield during my stay in the UK.

The following day, I was one of the judges for a competition for graduate students working in the area of spectroscopy that was held at Sheffield Hallam University. There were eight oral presentations and over a dozen posters. The best oral presentation received the Martin-Willis prize, which honors the memory of two pioneers of British spectroscopy. The prize was closely contested and all the presentations were of high

quality. I was also very impressed by the quality of the posters and most of the students answered the questions in a knowledgeable manner. After the festivities were over, most of the group attended a dinner at which the names of the awardees were announced.

The Infrared and Raman Discussion Group (IRDG) met the following day, with talks being given by seven scientists, including me. I was given a few minutes just before lunch to give a commercial for the SAS. Both days were organized by Jack Yarwood of Sheffield Hallam University, who is the present chairman of the IRDG. (John Chalmers was the previous chair for about 8 years.) The audience for the talks was close to 50, and I expect that John can get the attendance list from Jack Yarwood. I haven't been to Vienna yet, but I don't expect the audience will be as large as at the other three locations. It will be at the Technical University of Vienna and I got the impression that the organization would not be quite as formal as it was in Krakow, Dortmund and Sheffield. Generally speaking, the tour was successful. I worked hard to keep the costs as low as possible. Traveling by the major airlines can be very expensive but there are several low cost airlines such as Berlin Air and jet2.com, which I used for my trip to Dortmund and Sheffield. Train travel can be expensive but great deals (such as the one that I used for my trip to Krakow) are sometimes available. It should be remembered that the size of countries in Europe varies enormously. Some are the size of small states in the USA, in which case, train travel can be convenient. Traveling across Germany or Poland can be very time consuming, however, and we shouldn't expect future tour speakers to be quite as tight with a buck/euro/zloty as I was!

MEGGERS AWARD COMMITTEE REPORT FEBRUARY 2007

CHAIR DOUG ELMORE

The following paper is the recipient of the 2007 Meggers Award: "Infrared Kinetic/Structural Studies of Barrier Reformation in Intact Stratum Corneum Following Thermal Perturbation" by Pensack et al. Vol 60, Number 12 p.1399.

STROCK AWARD REPORT 2007

JOHN OLESIK

The winner of this year's award is Detlef Gunther. Detlef is from ETH Zurich and is a clear world leader in the area of laser ablation sampling with ICP-MS detection from both a fundamental standpoint and practical application of the technique. His groundbreaking research has ranged from the influence of laser wavelength, pulse width and sample chamber gas dynamics on the ablation and sample transport process to particle vaporization in the ICP to superb analysis of fluid inclusions in geological materials, forensics and fingerprinting of materials including gemstones. His research and practical applications have led the rapidly growing use of laser ablation ICP-MS.

LIPPINCOTT AWARD COMMITTEE REPORT FALL 2007

Dr. Jonathan Tennyson, Professor and Head of the Department of Physics at University College London, is the recipient of the 2007 Ellis R. Lippincott Award "For his contributions to theory and simulations of rotational-vibrational spectra of small molecules and applications for practical purposes." This award was established in 1975 by OSA, the Coblenz Society and the Society for Applied Spectroscopy to honor the unique contributions of Ellis R. Lippincott to the field of

vibrational spectroscopy. It is presented to an individual who has made significant contributions to vibrational spectroscopy as judged by his or her influence on other scientists. Because innovation was a hallmark of Lippincott's work, this quality must also be demonstrated by candidates for the award. The award is presented at the national meeting of one of the sponsoring societies.

2007 TELLER'S COMMITTEE REPORT

The Teller's Committee met on July 31, 2007 to count the paper ballots from the 2007 SAS Election. Jon Carnahan was elected President-Elect. Paul Bourassa was elected Treasurer.

2007 FELLOWS COMMITTEE

JIM WINEFORDNER (CHAIR), MITSUO TASUMI, JIM HOLCOMBE, GARY HIEFTJE

Our Committee has recommended the following 7 scientists to be 2007 SAS Fellows: Ed Yeung, Mike Morris, Kay Niemax, Sandy Asher, Ramon Barnes, Charles Wilkins, Sam Houk.

FACSS GB MINUTES

BECKY DITTMAR

John Chalmers – RSC rep – not in attendance.

Elections: 2009 GB Chair – Becky Dittmar (only position that was contested), 2009 Program Chair – Curt Marcott, 2009 General Chair – Jessica Jarman.

Exhibit Chair 3 yr term – moved that this gets voted on in the fall.

2006 Budget/Actuals: 40K loss on exhibit, agreed to \$9400 wireless expense – did well

to come in at projected loss for the conf.

2007 Budget: Try to move contingencies to 10% range. Gala price added to base registration. Workshop prices increased significantly. Budget approved with essentially no discussion.

2008 Budget: Going back to 2006 actuals – very rough estimate – low on exhibits –

other things identical. Starting budget approved.

Finance Committee report: 1 CD - \$100K, checking acct - \$200K – want to protect second \$100K. Is the residual \$100K enough to protect us? Propose move \$100K to separate institution to protect it. Residual \$100K smart sweep – maintains balance of 15K. Anything more is invested in money market fund (automatically). This investment is not FDIC protected.

2008 Reno meeting: support for people on LRP committee – discussed but no recommendation. Currently your choice / commitment. Will it meet once or twice /year? Report accepted. LRP report accepted.

Site Selection – was looking for input from LRP (but none was given); Can we go to NE? Can we find a hotel that meets our needs. Evaluated Pittsburgh, Ontario, Dover, Atlantic City, Raleigh, Providence, Boston, Schaumburg.

Want to balance costs for mtg and hotel. Would like to look at convention center facility – recommends Providence. If grow in 3 years – will need a bigger place than we have looked at recently. 2009 is in Louisville – and it has space to grow if necessary. Need to get more discussion at FACSS LRP.

FACSS Office Report – archive up on website.

Conf reports:

2006 GB – want more oral ppts, need update to Op manuals, redefine marketing position, can't drop progress made on posters.

2006 Program – if don't add more people – can't increase orals; keep investing in program to attract people to mtg.

Exhibit Chair report – trend seems better than in 2006 – looking to get out of Orlando slump; entered into 3 yr contract. Will continue hands on Raman. Will continue “What’s Hot!”

2008 Reno:

Quorum lost – ACS and RCS not in attendance

Re-evaluate by-laws - General Chair position – can this be a 3 year term – evolve into marketing position. This will come up for a vote in the fall.

New Business – Want to have virtual meeting available on the web. Imagine a web based interface. Not feasible for 2007 due to costs. Document sent out in mtg documents describing this. Will put a business case together.

Would presenters have the option to opt out?

Is this a direction the GB thinks we want to go? If so, then do the plan. Otherwise – stop it right now. Suggestion – is there a way to survey if this is of interest to oral presenters.

Next GB meeting – Thurs evening of FACSS.

REPORT FROM THE SAS DELEGATE, CHEMICAL HERITAGE FOUNDATION

DAVID S. TRIMBLE

New President Announced: Thomas R. Tritton, Ph.D. will become president of the Chemical Heritage Foundation effective January 1, 2008. He will be only the second president of CHF, succeeding Dr. Arnold Thackray, who founded the organization 25 years ago and will continue with CHF in a new role. Tritton comes to the CHF after serving as the 12th president of Haverford College from 1997-2007.

The Heritage Council most recently met on 26 April 2007. I will touch on the topics of most interest to SAS. For more complete details, please see the attached copy of meeting minutes provided by the CHF.

Instrument and Artifact Committee: The committee is making a deliberate effort to expand the collection of process measurement and process control instruments. Another new thrust is the area of pharmaceutical clinical instrumentation. Capture of oral histories continue at a fast pace, with recent additions including ultracentrifugation and its application to nucleic acid discoveries and ongoing research.

Post Street Schoolhouse: Some 20 years ago the Dow family made a decision to preserve and formally make publicly available their archive of Dow family (2/3) and Dow company (1/3). A historic school house has been renovated and now houses the collection. A representative from the school house was present at the meeting and expressed interest in CHF membership. She made certain to note that this effort was undertaken solely at the expense of the Dow family, not the company.

Construction of Gallery and Meeting Spaces: It is hoped that the new gallery space will open in time for the ACS meeting that will be held in Philadelphia in August 2008. The gallery space has returned to it’s original two story design – the building was originally a bank, and was modified in more recent times when it became an office space. The temporary exhibit space will be know as the Hach Gallery. This space will be used to bring in outside exhibits, to display short term internal rotating exhibits, and will have the highest level of environmental controls to protect the anticipated display of special historic artifacts.

Help 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.

FACCS SAS SUNDAY NIGHT POSTER SESSION



THE KING AT FACSS EXHIBIT OPENING

