

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



November/December, 2006

SAS ACTIVITIES AND REPORTS FROM FACSS

HIGHLIGHTS FROM FACSS 2006, THE SAS NATIONAL MEETING IN LAKE BUENA VISTA, FL

SAS/OSA COOPERATIVE AGREEMENT FINALIZED

Awards Presented at Wine & Cheese Reception Sept. 26

- Joseph Caruso of University of Cincinnati received the Distinguished Service Award.
- Charles Wilkins of University of Arkansas received the Honorary Membership Award.
- Bonner Denton of University of Arizona, Joel Harris of University of Utah, Nicolo Omenetto of University of Florida, and Charles Wilkins of University of Arkansas were named SAS Fellows.
- George Chan of Indiana University received the SAS Ted Rains Graduate Student Award.
- Philipp Kukura of University of California Berkeley received the SAS Graduate Student Award.
- Pavel Matousek, Ian P. Clark, Michael Towrie, Antony W. Parker, Edward R.C. Draper, Allen E. Goodship, Michael Morris, William F. Finney, and Neil Everall received the William F. Meggers award for their outstanding paper, Subsurface Probing in Diffusively Scattering Media Using Spatially Offset Raman Spectroscopy, Volume 59, Issue 4.
- Paul Farnsworth of Brigham Young University received the Lester W. Strock Award.

SAS Student Poster Awards presented on Sept. 24:

- Ryan Brennan, George Washington University, Interferometric Droplet for In Situ and Aerosol Characterization in an Inductively Coupled Plasma. Director: Akbar Montaser.
- Algernon Kelley, Louisiana State University, In Situ AFM Investigation of the Effects of Concentration and Writing Parameters When Nanografting Functionalized n-alkanethiol SAMs on Au(111). Director: Jayne Garno.
- Honggang Li, University of Maryland Baltimore County, Multilayer Enhanced Gold Film Over Nanostructured SERS Substrates for Extended Shelf-life and Sensitivity. Director: Brian Cullum.
- Johnpeter Ngunjiri, Louisiana State University, Studying Biomolecular Reactions at the Nanoscale: In Situ Studies of Proteins Patterned by Nanografting and Surface Activation Chemistry. Director: Jayne Garno.

The cooperative publishing relationship between SAS and the Optical Society of America has been finalized. A proposal for journal sales partnering, combination packages of Applied Spectroscopy with OSA journals, and posting of Applied Spectroscopy on OSA's InfoBase (web collection of their journals) has been finalized. In addition, OSA commissioned a review of Applied Spectroscopy by distinguished OSA members. The review was highly positive, and the two month time to publication was comparable to OSA's rapid publication journal (Optics Letters). SAS Members are already aware of one benefit of this arrangement, which is a complimentary subscription to Optics and Photonics Newsletter (OPN).

Thanks to Applied Spectroscopy Editor-in-Chief Joel Harris, Editor Paul Farnsworth, and Executive Director Bonnie Saylor, who were heavily involved in these negotiations.

DETAILS BELOW ON PAGE 5



Paul Farnsworth (left) and Joel Harris display their awards at the SAS Wine and Cheese Reception, September 26 in Lake Buena Vista, FL.

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Comments to butcherATemail.wcu.edu

PRESIDENT'S REPORT

BECKY DITTMAR
AUGUST 25, 2006

I do appreciate the opportunity to serve this Society. I want to thank Bonnie Saylor for her continual support (as the real leader of this organization!) as well as Barbara and Victor for the timely and professional help they provide. I want to especially thank Cynthia Mahan for her contributions to the Society this past year and Bob Michel in the year before that. Their leadership and energy have given this position some momentum that I'm hoping we can continue to improve upon.

Some of the critical activities that are ongoing that I would like to see advanced are:

I. Collaboration with the Optical Society of America (OSA) – We are continuing to fine-tune a cooperative publication arrangement between SAS and OSA. The OSA has agreed (through a formal review process) that Applied Spectroscopy is a high quality journal. From this agreement, we plan to use this agreement to increase our circulation into libraries which should bring in much needed income to the SAS.

II. FACSS – we must continue with the progress that has been gained in recent years. SAS members and committee members must stay engaged in Governing Board activities and committees. The "retreats" between SAS and FACSS have been renamed and given the title of "long range planning committee". The focus will continue to promote the FACSS meeting (including advertising methods), maintain a vision for what the FACSS meeting should accomplish, and keep SAS needs at the forefront of the FACSS organization.

III. Technical sections – (continue to) use technical sections to organize sessions at Pittcon and FACSS. I believe a number of sections have helped to organize symposia at FACSS. We also have the opportunity to develop more synergy with our technical sections and smaller OSA meetings.

IV. Bring in new volunteers for SAS/FACSS committees – both Jim deHaseth and myself have tried to identify new volunteers for the various SAS and FACSS committees. I see this as the best way to get or keep SAS members involved in their organization.

V. SAS Website – At Pittcon this year, a website subcommittee was organized with the purpose being to revamp our SAS website (using external resources) to give it a more professional feel and easier navigation.

I appreciate everyone's support and volunteer efforts as members of the EC and the various committees.

EXECUTIVE COMMITTEE RETREAT AND MEETING AGENDA
DAVID C. LANKIN SECRETARY
SATURDAY, MARCH 11, 2006
ROSEN PLAZA HOTEL
SALON 14
ORLANDO, FLORIDA

I. Call To Order Becky Dittmar

The meeting of Executive Committee was called to order at 4:07 PM.

II. Roll Call David Lankin

President – Rebecca Dittmar Present
Past-President – Cynthia Mahan Present
President-Elect – James de Haseth Present
Treasurer – Chris Hassell Present
Secretary - David Lankin Present
Executive Director – Bonnie Saylor Present
Newsletter Editor – David Butcher Present
Editor-in-Chief - Joel Harris Present
Editor – Paul Farnsworth Present
Web Editor - Steve Bialkowski Not Present
Membership Education Coordinator – Gloria Story Present
Student Representative – Lacey Averett Present
Parliamentarian – Brandye Smith-Goettler Present
A quorum was present..

III. Approval of Minutes from October 9, 2005 Executive Committee meeting

It was moved (James de Haseth) and seconded (Cynthia Mahan) that the Minutes from the October 9, 2005 Executive Committee be accepted. The motion carried.

IV. Reports

A. President Report Attached

Rebecca Dittmar briefly reviewed her report.

B. Secretary Report Attached

The Minutes of the last Executive Committee meeting of October 9, 2005 constituted the Secretary's report.

C. Treasurer Report Report Attached

Chris Hassell briefly reviewed his report. The highlights included that we "made our numbers" and are on budget. He indicated that the Societies money, which is invested as CDs, would be configured a bit differently in CDs with differing maturity times. This will enable SAS to get ~ \$10K more / year in interest than at present.

D. Executive Director Report Attached

Bonnie Saylor summarized her report. Membership has dropped again by 10%. Inalock has been able to retain a number of new (old) members, which represents 35 people on the call list of 400.

E. Journal Editor Report Attached

Joel Harris summarized his report. The Journal published as many pages in 2005 as in 2004. Focal Point reviews are down. Both manuscript submission and peer review is now done electronically. The time for manuscript approval is now down to 44 days, 2 months for publication of the articles. This makes the Journal a rapid communication publication.

F. Newsletter Editor Report Attached

David Butcher briefly summarized his report.

G. Membership Coordinator No Report

H. Membership Education Coordinator No Report

I. Web Editor Report Attached

Steve Bialkowski is currently out of the country.

J. Student Representative Report Attached

Lacey Averett summarized her report. A social gathering for students attending Pittcon is scheduled for Monday at 5:30 PM in Salon 13. For the FACSS meeting she will try to organize a session on interviewing techniques for the students.

Jim de Haseth moved and Cynthia Mahan seconded that the Executive Committee reports be accepted. Seeing no discussion, the reports were approved.

5:15 p.m. V. National SAS Committee Reports

A. Awards Report Attached

The Awards Committee nominated for Honary Membership: Charles Wilkins and for Distinguished Service Award: Joseph Caruso.

B Constitution and Bylaws Report Attached

Several changes to the Bylaws pertaining to Article XIV – Committees and Article XVI – Awards were proposed.

C. Local Section Affairs No Report

D. Nominating Report Attached

Rebecca Dittmar briefly summarized this report. The Nominating Committee has nominated for President of SAS: Deborah K. Bradshaw and John M. Chalmers. The Nominations for Secretary of SAS were: Emil W. Clurczak and Timothy A. Keiderling.

E. Publications Report Attached

Rebecca Dittmar briefly summarized this report.

F. Publicity Report Attached

Rebecca Dittmar briefly summarized this report.

G Tour Speaker Report Attached

Rebecca Dittmar briefly summarized this report. Joe Snedden will chair the 2007 Tour Speaker Program

H. Meggers Award Report Attached

Paul Farnsworth has been named the recipient of the Strock Award.

J. Lippincott Award No Report

K. Tellers No Report

VI. Delegate Reports

A. FACSS Report Attached

Cynthia Mahan reviewed highlights from the FACSS Governing Board meeting. FACSS voted to accept ASMS as a member organization for a 3-year membership. Paul Bourassa will be the General Chair of the 2007 FACSS meeting to be held in Memphis. The 2008 FACSS meeting will be held in Reno. Plans to hold subsequent FACSS meetings in Kansas City and /or Atlanta are in the works. The FACSS Long-Range Planning committee is established.

B. Chemical Heritage No Report

SAS is still looking for someone to serve as the Chemical Heritage liaison. Cecil Dybowski turned us down. Some other individuals that were suggested wer: John Jacovitz / John Graham / Bruce Chase. They will be contacted to see if they are interested in serving.

VII. Unfinished Business

A. Online Journal Paul Farnsworth

There is some problem with the download numbers being reported from Ingenta to give meaningful results. Paul indicated that he will email an updated report.

B. Certificate of Deposit Update Chris Hassell

See Treasurer's Report.

C. Fellows Program Joel Harris

It was suggested and discussed that there should be a change in the rules for a general call for Fellows nominations (at large). This would require a By-Laws change.

D. FACSS Issues Cynthia Mahan

Cynthia Mahan summarized some key points of the SAS/FACSS Interface: Registration Fee – revenue sharing with FACSS not likely to happen long-term. A vote on revenue sharing with FACSS was tabled at the FACSS Governing Board meeting. Nomination Process – is flawed!

FACSS / SAS Retreats – FACSS is tired of the FACSS / SAS retreats. There is a need to include other member organizations in retreats with FACSS. Joel Harris suggested that SAS consider branding the FACSS meeting with respect to SAS as "Frontiers in Spectroscopy". The next retreat is scheduled for this Sunday at 8:30 AM – 12:00 PM in Salon 14.

E. OSA Update Joel Harris

Joel Harris indicated that the SAS / OSA interface is an opportunity for a new revenue stream. OSA Proposal – has already signed-off on the distribution of Applied Spectroscopy along with OSA journals. OSA would reimburse SAS for full library subscription rate. This would represent a gain of 165 new libraries. The projected revenue increase would be in the range ~\$100 - \$150 K. SAS would benefit from the OSA marketing effort.

It was moved (Cynthia Mahan) and seconded (Jim de Haseth) to endorse the OSA proposal outlined by Joel / Bonnie / Paul. After brief discussion, the motion carried.

F. Membership Issues Paige Eagan Oxley

To try to increase the membership, the following suggestions were proposed:

- Pursue Educational Component of Membership – Focus on technicians for potential membership and educational opportunities.

- Website Exclusivity – Password protect the SAS website so that what SAS has to offer is a true benefit of membership, which would include webcasts for members.

There is still a need to find out why people become members of SAS and also why people let their membership lapse.

G. Membership Education Glory Story

Two points were suggested for Membership Education: - bring hands-on training at a local level - there is a lot of need for the education of "budding" spectroscopists

H. CNIRS Affiliation Bonnie Saylor

CNIRS (\$20 dues) used to be affiliated with SAS. Then they stopped sending people. SAS founded their own NIR technical section. It was suggested by CNIRS that it be the "official" NIR technical section for SAS. It has 63 members, of them 22 are SAS members and 9 are SAS/NIR members. They want to publish their newsletter in the Journal. They have their own conference every 2 years (Chambersburg Conference). A question arises as to how to handle the dues situation. They could get \$500 start-up funds from SAS. Members of this section that would want to join the CNIRS would end up paying an additional \$10.

It was moved (Jim de Haseth) and seconded (Dave Lankin) to make the CNIRS the official NIR Technical Section of SAS. After discussion, the motion carried. The membership pricing will be changed for them. Also there will be SAS Newsletter space made available to them.

I. Applied Spec Ad Updates Rhett Dubiel

Some important points were made regarding Ad space: -there is need to have a more aggressive marketing program -ad revenue for 2005 was down ~\$40 K relative to 2004 -targeting \$150 K total ad revenue for 2006.

VIII. New Business

A Membership and Subscription Fees Joel Harris for 2007

Bonnie Saylor

B. Student Chapters Joel Harris

Using the OSA model for student chapters (see OSA printed material), Joel Harris will start an SAS Student Chapter. Lacey Averett indicated that she would look into establishing one at her school (U. Idaho) in conjunction with Washington State. It is not necessary to restrict the membership or activities to chemistry (e.g., physics). Also establish SAS Student Chapters in Europe. (JH: Does OSA have a mechanism in place for transferring money to Europe?) Coordinate SAS and OSA Student Chapters to promote cross fertilization and joint activities.

C. SAS 50th Anniversary 2008 Bonnie Saylor

The 45th Anniversary was a big deal. Some proposals to celebrate the 50th Anniversary are:

- Symposium at the FACSS Meeting
- Look to future of SAS
- Invite former Journal editors and Honorary Members, etc.
- Design a special logo for meetings and the Journal. Bonnie will look into getting design for the 50th Anniversary.
- Commemorative program for the wine and cheese reception
- Poster session honoring outstanding developments in spectroscopy that were published in the Journal.
- Participation with the Chemical heritage Foundation (Joel Harris)
- Ben Smith has the history of optical spectroscopy.
- Projector showing developments in spectroscopy (slide show)

D. Voting on Awards and Nominations All

It was moved (Dave Lankin) and seconded (Cynthis Mahan) to approve the nomination of Charles Wilkins for Honorary Membership, put forth by the Awards Committee. After some comments. The motion carried.

It was moved (Cynthia Mahan) and seconded (Jim de Haseth) to approve the nomination of Joseph Caruso for the SAS Distinguished Service Award. Seeing no discussion, the motion carried.

It was moved (Jim de Haseth) and seconded (Dave Lankin) to accept the nominations of Deborah K. Bradshaw and John M. Chalmers for the President of SAS The motion carried.

It was moved (Jim de Haseth) and seconded (Dave Lankin) to accept nominations of Emil W. Clurczak and Timothy A Keiderling for the position of Secretary of SAS. The motion carried.

It was moved (Jim de Haseth) and seconded (Chris Hassell) to approve the changes to the By-Laws as amended. The motion carried.

Bonnie Saylor indicated that there will be a LIBS (Laser-Induced Breakdown Spectroscopy) in Montreal. Could SAS assist in sponsoring the conference?

9:00 p.m. Meeting Adjournment

It was moved (Jim de Haseth) and seconded (Chris Hassell) that the meeting be adjourned. The motion carried and the meeting was adjourned at 9:46 PM

**EXECUTIVE DIRECTOR'S REPORT
BONNIE SAYLOR SEPTEMBER 2006**

Membership

2006 to date: 1796

This time last year: 1835

Membership Breakdown USA 1555 International 241

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

Academic Non-Student 2005: 441 **Student** 209 **Non-Academic** 1185

Total New Members for 2006: 161

Total New Members for 2005: 205

Total Not Renewed for 2006: 320

Total Not Renewed Last Year: 376

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 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 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 2006: 72

Total Paid for Extra Section 2005: 65

Total Paid for Extra Section 2004: 89

Total Paid for Extra Section 2003: 73

Subscriptions

2006 To Date: 714

Last Year This Time: 765

Subscriber Breakdown USA 559 International 155

Total Not Renewed for 2006: 83

Total New Subscribers for 2006: 31

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

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

2006 Signed License on File: 285

2006 No License on File: 258

Members

Membership is down but not by quite as much as in previous years. We are only down 32 people this year compared to 84 last year. We have completed several marketing campaigns this year including mailings to non-member authors, EAS 2005, PITTCON 2006, Spectroscopy Magazine mailing list, ICAVS Mailing List, FACSS mailing list, Winter Plasma mailing list. We have also had great success in using Inalink for our comeback campaigns. This year we used them for our third notices and it was a great effort. They were not as successful, however, with subscribers. To give you an idea of the numbers we get from various promotions, the following is a breakdown for 2006 of what we have gotten so far (Please note that within the Secure Server and WWW are also renewals.) We are trying a new renewal system this year.

Instead of mailing first renewal notices as we usually do, we are going to email first and see if we are more successful.

Promo Code	Count
Authors 06	5
Brochure	10
Comeback 06	8
Corp Sponsors Comp	14
EAS	3
FACSS	17
ICAVS	7
INALINK	105
MGM	1
SAS Appl Card	25
SAS Contributor	2
SAS Friend	4
SAS Patron	2
PITTCON	18
Poster Session	7
Secure Server	507
Spectroscopy	1
Student Christmas	11
Student Award	7
Subscriber Service	3
Winter Plasma	1
Yeagar	1

Subscribers

Subscribers are down slightly over last year. We now have a signed agreement in place with OSA to market our journal, so we are hopeful that we will see these numbers increase for 2007.

Corporate Sponsors

We currently have 14 corporate sponsors.

Finances

The budget has been prepared and will be presented by Chris Hassell. We received the management comments from the 2004 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. But several are working hard to get things off the ground. They include Process, Atomic, NIR, and Forensics. The following is a breakdown of membership in technical and local sections:

Local Section	Count	Technical Section	Count
Arizona	27	Atomic	161
Balt-Wash	73	Biomedical	55
Chicago	113	Biotech	17
Cincinnati	22	Chemometrics	53
Deleware Valley	51	Fluorescence	57
Detroit	16	Forensics	30
Houston	27	Imaging	48
Indiana	30	Laser Sampling	20
Intermountain	12	Near IR	103
Kansas City	21	NMR	18
Mid-Michigan	17	Polymer Character	31
Minnesota	26	Process	29
New England	97	Vibrational/Coblentz	280
New York	84	Total	902

Niagara Front	8		
North California	60		
Ohio Valley	29		
Pacific Northw	25		
Penn-York	10		
Piedmont	50		
Pittsburgh	26		
Rio Grande	10		
Rocky Mount	41		
Snake River	14		
Total	889		

Other

We used a new election company this year because the old one went out of business. Elections Online worked out tremendously and in fact we had the highest turnout in an election since I have been with SAS with close to 36% of the membership voting. Our average has been 20% including when we only did paper ballots.

**REPORT TO THE SOCIETY FOR APPLIED SPECTROSCOPY GOVERNING BOARD
JOEL M. HARRIS, JOURNAL EDITOR
AUGUST 20, 2006**

Applied Spectroscopy has run smoothly since our previous meeting in October. Last year, we published 2 accelerated papers, 178 regular articles, 7 spectroscopic technique papers, 11 Notes, 2 Feature Articles, and 1 Focal-Point article. Our total page count was identical to the previous year. The return/rejection rate for *Applied Spectroscopy* remains competitive with other top quality journals, averaging ~27% last year. We are holding steady with the total number of printed pages and research articles, and we currently are working diligently to revive the number of Focal Point articles. Thanks to the work of the Focal Point Editors, Ben Smith and Rina Dukor, and the help of the Editorial Board, who spent most of its last two meetings discussing new topics and authors for this series, we have two Focal Point articles already in print and a third in press in 2006; two others are currently in review. In addition, we have commitments from 14 additional authors for writing Focal Point articles for publication over the next two years. 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. Rebecca has been editing manuscripts electronically, saving the Society about \$100 to \$200 per month. Electronic editing also saves the cost of press errors, improves our quality, and saves time spent in rechecking Proofs.

In November, Rebecca switched to providing 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 submitted 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 is running very smoothly. There have been very few complaints,

and indeed, we have received a number of compliments from authors and reviewers alike. Delays due to mailing of manuscripts and reviews are a thing of the past, and our median response time (from manuscript submission to first editorial decision) is ~45 days. Some papers receive two reviews in less than a week.

As a follow-up to 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 on-line collection of journals), the OSA commissioned a review of Applied Spectroscopy with a committee consisting of present and past editors of OSA journals and distinguished scientists who are members of their long-range planning committee. It is rare event to have an 'external review' of a journal's operations, especially by a team of scientists and editors outside of our own society's committees and boards. Such a team can provide a fresh look at how we're doing from an independent perspective. Attached is a report from the ad-hoc OSA committee that reviewed Applied Spectroscopy. The report is very encouraging, and the response of the OSA Board of Editors (the editors of all their journals) at their February meeting that I attended was unanimously enthusiastic.

Based on that review and follow-up discussions, we have been working on a concrete proposal for journal sales partnering, pricing for combination packages of OSA journals with Applied Spectroscopy, and posting of Applied Spectroscopy on OSA's InfoBase (web collection of all their journals).

The revenue and cost-sharing terms have been approved by the Executive Committees of SAS and OSA, and the final contract is nearly completed and ready for signing. These initiatives should increase our circulation into libraries bring much needed income to the SAS. We will immediately gain ~90 new library subscriptions and bring new income of ~\$33,000 to the Society in the first year. The SAS also plans on doing additional work on joint membership agreements, cooperation on topical meetings, and other fun projects.

Finally, thanks to the efforts of the Meggers Committee chair, Vahid Majidi, and his committee, the Meggers Award balloting was completed in early February, and the 2005 award paper is "Subsurface Probing in Diffusely Scattering Media Using Spatially Offset Raman Spectroscopy" by P. Matousek, I. P. Clark, E. R. C. Draper, M. D. Morris, A. E. Goodship, N. Everall, M. Towrie, W. F. Finney, and A. W. Parker. The paper appeared in the April 2005 issue of *Applied Spectroscopy* (Volume 59, Number 4, page 393) and will featured in Plenary Lecture on Wednesday morning at FACSS.

APPLIED SPECTROSCOPY ANNUAL STATISTICS

	2002	2003	2004	2005
Focal Point Articles	4	4	4	1
Accelerated Articles	4	7	2	2
Submitted Articles	208	190	190	178
Spectroscopic Techniques	6	11	6	7
Notes	16	22	15	11
Correspondence	2	2	2	0

Feature Articles	0	0	1	2
Total articles printed	240	236	220	201
Rejected manuscripts	60	59	35	50
Returned manuscripts	32	23	43	30
Total rejected and returned	92	82	78	80
Papers received for review	343	315	298	292
Total A-pages	343	364	362	308
Total manuscript pages	1662	1642	1536	1590
Total printed pages	2005	2006	1898	1898

Review of *Applied Spectroscopy*

This is the report of an *ad hoc* committee¹ formed to review *Applied Spectroscopy* (AS), the journal of the Society of Applied Spectroscopy (SAS). The review is one of the preliminary steps toward a possible cooperative agreement between OSA and SAS. Committee members were sent several issues of *Applied Spectroscopy* and had access to the on-line version of the journal. The committee had a telephone conference on 18 January with Joel Harris, Editor-in-Chief, and Paul Farnsworth, Editor, of *Applied Spectroscopy*. The committee members are: Thomas Baer, Incubic; Aristide Dogariu, CREOL; Paul Kelley, Tufts; Kevin McNesby, ARL Aberdeen; Richard Miles, Princeton; Larry Rahn, Sandia Livermore.

The committee draws the following conclusions:

The articles are of high quality.

The research articles are comparable in quality to those appearing in OSA journals. A significant percentage of the articles represent the development and implementation of modern spectroscopic techniques for practical measurements. Methods used include novel techniques in Raman spectroscopy, *in situ* second harmonic generation, tunable laser spectroscopy, and thermal lensing. There are articles on new methods of numerical analysis and innovative computational techniques. Application areas include diagnostics in medicine and biology, drug detection, food quality measurement, combustion diagnostics, explosives detection, environmental monitoring, forensics, and the analysis of art objects.

Journal management is innovative and editorial and production standards are high.

The journal is well operated and the management is forward thinking. There are editorial representatives from outside the United States consistent with the large fraction of overseas authors. There is a good quality on-line interface to the journal articles and on-line technology is used in the review process. Featured review articles and the pages devoted to SAS news, meetings, and book reviews are attractive to SAS members. The print journal is a member benefit and its wide circulation is an incentive to advertisers. Regarding research articles, the quality of presentation of text, display math, and figures is comparable and, in some cases, better than that in OSA journals. There is appropriate use of color in a number of articles and the color cover is attractive and attention getting. Reviewing standards are

similar to those for OSA journals. It is noteworthy that the time to publication is comparable to that of Optics Letters.

The content of the journal is consistent with OSA topics.

Applied Spectroscopy is primarily an optics journal. As is apparent from the paragraph on journal quality above, a substantial portion of the topical coverage of the journal is a subset of OSA technical topics. *Applied Optics* (AO) has topical editor coverage in this area and articles published in *Applied Spectroscopy* are pertinent to several technical groups of the Science and Engineering Council. There are OSA technical meetings that overlap with the AS subject areas.

The journal both complements and competes with OSA journals.

In its general character, *Applied Optics* is the closest OSA journal to *Applied Spectroscopy*. However, AO is five times larger in terms of pages published. The topical scope of AO is much broader and only a relatively small fraction of published AO articles fall within the topical areas of AS. Further, the number of AO articles in AS topical areas is smaller than the number of AS articles. Thus, AS complements AO in the sense that it provides more complete coverage of spectroscopy applications. There is certainly competition for articles between AO and AS, just as there is competition between OSA journals for articles. Since the size of AS is small relative to AO and only a small fraction of AO papers are in the applied spectroscopy area, this does not seem to be a serious issue and, in any case, competition will persist whether or not there is collaboration between the two societies. It is also reasonable to think that the immense and growing popularity of *Optics Express* may make it the most serious competitor for these and other optics journals.

It is advantageous for OSA Publishing to be associated with Applied Spectroscopy.

OSA leadership considers emerging applications of optics as important for the future development of the Society. In particular, medicine and biology are seen as being among the most significant areas for the employment of optical techniques. While the precise nature of a possible affiliation between SAS and OSA has not been determined, there seems no question that an association between OSA journals and *Applied Spectroscopy* would be beneficial to OSA Publishing and OSA in general. This association would move the Society in a desired direction and broaden its position in applied optics. The inclusion of AS in Infobase and OSA subscription packages together with joint and cross marketing could be mutually profitable steps. The new on-line virtual biomedical optics journal would be enhanced by including papers from AS. AS could more than compensate for the loss of the translation journal *Optics and Spectroscopy*. In summary, the ad hoc committee feels that Applied Spectroscopy has high quality articles in an important subfield of optics. Editorial management is excellent, reviewing is good, articles appear on a timely basis, and state-of-the-art publishing technology is used. An association between OSA Publishing and *Applied Spectroscopy* would be beneficial to both societies and would help move OSA in a desired direction. This association could also be part of a broader agreement between SAS and OSA. 30 January 2006.

**MEMBERSHIP EDUCATION COORDINATOR'S REPORT
ELAINE STORY
AUGUST 2006**

In February of 2006, SAS Executive Director Bonnie Saylor asked me to join the executive board as Membership Education Coordinator. Since then, I attended my first board meeting at PittCon 2006, was contacted by a vendor for help communicating to the membership, and was consulted about adding content to our website.

PittCon 2006 Executive Board Meeting:

As a new member, I shared with the board information about myself and what I thought I wanted to do as Membership Education Coordinator. I hope to bring assistance to the membership by bringing education closer to home. My first thought is to start a voluntary connections network...where members can find other willing members with expertise they can tap into near where they live and work. Wouldn't it be great if you could find a neighbor that can come over and visit, provide a seminar opportunity, or even teach you and/or your colleagues something you've wanted to learn more about?

My other topic for discussion was in response to an idea to increase membership by making a category for technicians. At first glance, this would seem like a great idea, but taking my own career as an example...I've worked pretty hard to prove that technicians can do research, publish, and present their work at scientific meetings.

I'm happy to say that I proved my point when people who have know me for years were surprised to hear that I am a promoted technician myself. So, I personally don't think technicians need a special category. We'd rather be treated the same as everybody else. What does need to be addressed is the discussion in my previous, long-winded paragraph. We need to prove to companies that it is in their best interest to have their employees be active in their professional societies. It begins in the classrooms and continues on into the university departments and board rooms of industry.

Vendor requested help communicating to the membership:

This was a creative way for a vendor to obtain a mail list, but Bonnie was able to turn them towards a one-time free journal "What's New" press release.

Adding content to our website:

Elearning vendors are interested in creating an area on our website that will provide links to their content. This is something to consider, I think, especially if my idea to get training closer to home is something that the board and the membership want to pursue. Looking at the ACS website, they have a page dedicated to [web casts](#). A lot of vendors are providing web training, so as net meeting and web casts become more reliable, I expect this trend to continue and grow.

TREASURER'S REPORT	2006	2006 as of	Percent Used	Projections	Total Inc/Exp	2007 Proposed
CHRIS HASSELL	Budget	September 11		Till Year End	Projected	Budget
REVENUES						
Education Programs	\$2,000.00	\$0.00	0.00%	\$0.00	\$0.00	\$2,000.00
Focal Point Book	\$1,000.00	\$216.00	21.60%	\$100.00	\$316.00	\$500.00
Member Dues	\$121,200.00	\$125,370.00	103.44%	\$2,000.00	\$127,370.00	\$123,000.00
Journal Income	\$600,000.00	\$499,440.85	83.24%	\$52,000.00	\$551,440.85	\$600,000.00
Chapter Income	\$1,000.00	\$0.00	0.00%	\$500.00	\$500.00	\$1,000.00
General Contributions	\$3,700.00	\$3,825.00	103.38%	\$500.00	\$4,325.00	\$4,500.00
Investment Revenue	\$5,000.00	\$12,644.46	252.89%	\$10,000.00	\$22,644.46	\$25,000.00
Misc. Income	\$2,000.00	\$887.43	44.37%	\$500.00	\$1,387.43	\$2,000.00
Total Revenue	\$735,900.00	\$642,383.74	87.29%	\$65,600.00	\$707,983.74	\$758,000.00
EXPENSES						
Salaries	\$138,000.00	\$96,098.00	69.64%	\$42,000.00	\$138,098.00	\$146,000.00
Payroll Taxes	\$11,000.00	\$7,444.09	67.67%	\$3,500.00	\$10,944.09	\$12,500.00
Personnel Benefits	\$4,500.00	\$337.21	7.49%	\$400.00	\$737.21	\$4,500.00
Executive Committee	\$30,000.00	\$13,141.77	43.81%	\$13,000.00	\$26,141.77	\$25,000.00
Governing Board	\$1,500.00	\$0.00	0.00%	\$1,500.00	\$1,500.00	\$1,500.00
Membership Committee	\$200.00	\$0.00	0.00%	\$0.00	\$0.00	\$200.00
Other Committees	\$2,000.00	\$509.01	25.45%	\$600.00	\$1,109.01	\$1,500.00
Journal	\$405,000.00	\$183,839.54	45.39%	\$140,000.00	\$323,839.54	\$400,000.00
Newsletter	\$1,000.00	\$500.00	50.00%	\$500.00	\$1,000.00	\$1,000.00
Internet Services	\$2,000.00	\$556.65	27.83%	\$1,700.00	\$2,256.65	\$2,500.00
Member Services	\$13,000.00	\$5,481.80	42.17%	\$3,000.00	\$8,481.80	\$8,000.00
Member Education	\$2,000.00	\$0.00	0.00%	\$0.00	\$0.00	\$2,000.00
Awards	\$18,000.00	\$3,729.71	20.72%	\$17,000.00	\$20,729.71	\$20,000.00
Sections	\$22,000.00	\$1,866.77	8.49%	\$15,000.00	\$16,866.77	\$20,000.00
Conferences	\$10,000.00	\$4,983.78	49.84%	\$4,000.00	\$8,983.78	\$8,000.00
Member Acquisition/Ret	\$5,000.00	\$22,519.70	450.39%	\$1,000.00	\$23,519.70	\$12,700.00
Society Office	\$78,000.00	\$53,315.14	68.35%	\$20,000.00	\$73,315.14	\$100,000.00
Fundraising	\$300.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Financing Expenses	\$3,400.00	\$2,798.96	82.32%	\$1,000.00	\$3,798.96	\$3,600.00
Depreciation Expenses	\$1,500.00	\$1,212.00	80.80%	\$300.00	\$1,512.00	\$1,500.00
Total Expenses:	\$748,400.00	\$398,334.13	53.22%	\$264,500.00	\$662,834.13	\$770,500.00
NET ORDIN. INCOME	(\$12,500.00)	\$244,049.61	-1952.40%	(\$198,900.00)	\$45,149.61	(\$12,500.00)
OTHER						
SUSPENDED TRANS	\$0.00	(\$37,640.50)	0.00%	\$0.00	\$0.00	\$0.00
CHAP DIST ADD BACK	(\$12,500.00)	\$0.00	0.00%	\$0.00	\$0.00	(\$12,500.00)
TOTAL OTHER	(\$12,500.00)	\$0.00	0.00%	\$0.00	\$0.00	(\$12,500.00)
NET OTHER INCOME	\$12,500.00	(\$37,640.50)	-301.12%	\$0.00	(\$37,640.50)	\$12,500.00
NET INCOME	\$0.00	\$206,409.11	n/a	(\$198,900.00)	\$7,509.11	\$0.00

ONLINE JOURNAL REPORT, FACSS 2006, AUGUST 22, 2006
PAUL B. FARNSWORTH, EDITOR

Ingenta

Downloads Activity on the Ingenta website is summarized in Fig. 1. I have included only full text downloads because those are the only reliable numbers available.

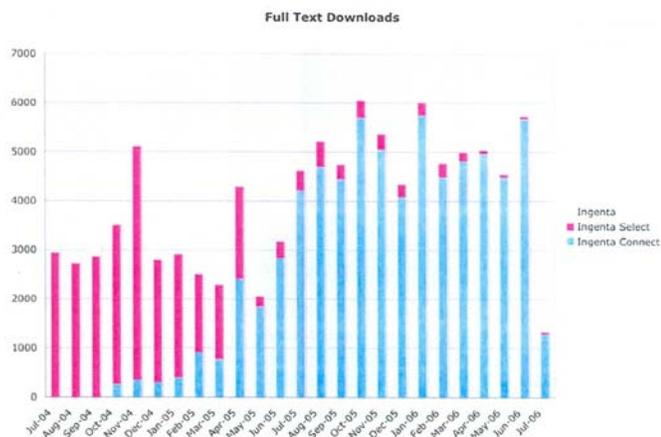


Fig. 1 Full text downloads from Ingenta for the past two years.

A short history lesson will help with interpretation of the numbers. When we introduced the online version of the journal, our host was Catchword. Catchword was purchased by Ingenta. After the purchase, a few users reached the journal through the original Ingenta web site, but most continued with the Catchword site, which became Ingenta Select. Late in 2004 Ingenta began consolidating the two sites to create Ingenta Connect, and now the vast majority of our users reach the journal through the Ingenta Connect site. The rise in overall usage about a year ago coincides with the introduction of our backfile. It appears that members and subscribers are using the older material. I can't confirm that because I don't have access to text downloads sorted by journal volume.

Pay per view. We continue to see growth in the number of individual article sales. The activity over the past six quarters is summarized in Fig. 2. Note that the charge for payper-view access was increased from \$12 per article to \$16 per article in the fourth quarter of 2005. It appears that we are in unexplored regions on the supply/demand curve.

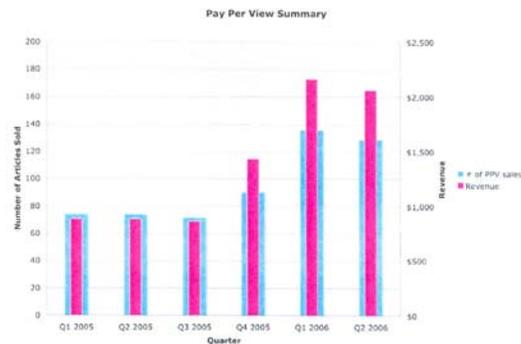


Fig. 2 Pay-per-view access to Applied Spectroscopy

Most frequently downloaded papers Table 1 lists the ten most-frequently downloaded papers for the past 25 months. In contrast to previous years, the majority of these papers are not focal points.

Volume	Issue	Title	# of downloads
58	11	Surface-Enhanced Infrared Spectroscopy	364
57	11	Surface Plasmon Resonance Imaging as a Tool to Monitor Biomolecular Interactions in an Array Based Format	322
58	12	Specific Chemical Effects on Surface-Enhanced Raman Spectroscopy for Ultra-Sensitive Detection of Biological Molecules	304
59	6	Standoff Detection of High Explosive Materials at 50 Meters in Ambient Light Conditions Using a Small Raman Instrument	303
56	2	Surface-Enhanced Raman Spectroscopy in Single Living Cells Using Gold Nanoparticles	227
59	7	Comparison of Sampling Techniques for In-Line Monitoring Using Raman Spectroscopy	210
56	1	Quantum Dots: A Primer	203
59	8	Surface-Enhanced Raman Spectroscopy of Bacteria and Pollen	193
60	1	Raman and Infrared Microspectral Imaging of Mitotic Cells	190
59	4	Role of the Micro- and Nanostructure in the Performance of Surface-Enhanced Raman Scattering Substrates Assembled from Gold Nanoparticles	173

Advertising in the online journal Ingenta has begun offering advertising space on the journal's web pages. As I prepare this report, the details are sketchy. I am attaching a copy of their announcement to the report, and should be able to provide more details by the time we meet in September.

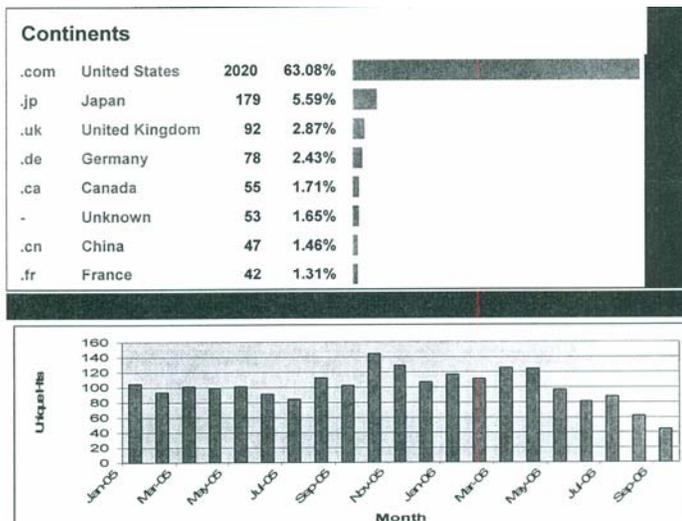
OSA As I am preparing this report, SAS is close to signing an agreement with OSA to bundle Applied Spectroscopy with OSA journals. As part of this agreement, Applied Spectroscopy will be included in OSA's online journal database, called Infobase. This arrangement will give the journal broader online exposure than it currently has. Again, I hope to be able to report more details at the FACSS meetings.

SOCIETY FOR APPLIED SPECTROSCOPY WEB EDITOR'S REPORT
STEPHEN BIALKOWSKI SEPTEMBER 17, 2006

The past six months have been spent performing routine maintenance on the Societies web site. This include keeping job postings, 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 only change to web site is that Journal titles and abstracts are not longer listed on the SAS web site. The link to titles and abstracts now connects to the Ingenta web site.

A new way to track web use has been running and there are now some reliable statistics for the number of times the main web page is accessed. These are summarized below.



The discussion board has been serving as a site for spam attacks for the last several months. We receive from 5 to 20 spam posts each day. These posts are advertisements for sex, drugs, etc. and very often the links posted are false. It takes on average, about 4 hours per week to read, reject, and document these bad posts.

There has been a decline in the use of the web over the last 6 or so months. I suspect the decline is due to the fact that abstracts are no longer posted on line on the SAS web site.

**REPORT OF THE SPECTRUM NEWSLETTER
 DAVID BUTCHER, EDITOR – JULY 14, 2006**

Three issues of the newsletter have been published since our last report, as detailed in the table below. They have focused on SAS Awards presented at FACSS 2005, SAS Activities and Reports from Pittcon 2006, and upcoming SAS Activities at the 2006 FACSS and EAS Meetings.

Issue	Topic
March 2006	SAS Awards presented at FACSS 2005 in Quebec
April/May 2006	SAS Activities and Reports from Pittcon 2006
Summer 2006	SAS Activities at Upcoming 2006 FACSS and EAS Meetings

**SAS STUDENT REPRESENTATIVE REPORT
 LACEY AVERETT FALL 2006**

This year we have had some success with increasing student interaction. This was mainly through the social event at PITTCON. There is also a new student opportunity at FACSS, giving students another way to present their research.

Last March at PITTCON, Bonnie Saylor and I organized a social event which was met with high student attendance of about 20 students. There were quite a few SAS members in attendance as well. It was great to give the students an opportunity to get to know some of the SAS members. I believe that it makes the students feel more involved and important when they can meet members. It was also great for students to be able to meet with other students. I believe this event should continue in the future, and we could enhance our membership by providing a sheet for the students to put their names and e-mail on, so that we can do a follow up.

This year at FACSS there is a new opportunity for SAS student members to present their research. The winners of the SAS Poster session on Sunday evening will be given the opportunity to present their work as an oral presentation on Monday at 2:30 pm during the Student Awards Symposium. This is a great opportunity for SAS students' exposure.

This year I will also be handing out packets of information on professionalism. There was a high student interest in this topic. The packet will include topics that deal with appropriate dress, how to act during an interview and the differences between resumes and curriculum vitae. Websites that contain more information on these topics will be included for the students to research on their own.

At PITTCON 2007, I plan on having another social event for SAS, similar to the events that we have had in the past. These seem to promote great attendance and the students enjoy meeting other students, as well as, the members of the SAS.

I am also starting to plan for a SAS student symposium at FACSS 2007. I am unsure of the details, but this event will give students another opportunity to present their research. I will be contacting David Heaps about the student symposium that he helped organize at FACSS in Detroit to get some more information.

**SAS PUBLICATION COMMITTEE REPORT
 CURT MARCOTT AUGUST 2006**

The SAS Publication Committee met March 13, 2006 at the Rosen Plaza Hotel in Orlando, FL. Committee members Curt Marcott, Larry Nafie, Rina Dukor, Carrie Lendon, along with Joel Harris, Paul Farnsworth and David Butcher were present.

Journal

Journal Editor Joel Harris summarized the review of *Applied Spectroscopy* performed by an ad hoc committee from the Optical Society of America (OSA). They concluded: 1) the articles are of high quality; 2) Journal management is innovative and the editorial and production standards are high; 3) the Journal content is consistent with OSA topics; 4) the Journal both complements and competes with OSA journals; and, 5) it is advantageous for OSA Publishing to be associated with *Applied Spectroscopy*. The publications committee feels that an association between OSA Publishing and *Applied Spectroscopy* would be beneficial to the Journal and could be part of a broader agreement between SAS and OSA.

Joel Harris also reviewed with the Publication Committee an OSA Proposal to include *Applied Spectroscopy* in OSA 2007

institutional journal subscription offerings. This would put *Applied Spectroscopy* in 157 new libraries, resulting in \$50-\$100K in new revenue for the Journal, and 18% increase over current.

The Journal has a new advertising representative, Rhett Dubiel.

Website

Our website is in need of updating. Progress has been slow due to our web editor being out of the country on sabbatical. Carrie Lendon has been added to the website subcommittee of the Executive Committee. Funding (\$1-\$5K) for website improvement is recommended.

Newsletter

A total of ten issues of the SAS Spectrum Newsletter have been published over the past 12 months. All issues are available on the SAS website. An Email notification is sent to each SAS member with a website link each time a new issue is added.

**REPORT OF THE SAS PUBLICITY COMMITTEE
DEBBIE BRADSHAW, ERIC OXLEY, STEVE BIALKOWSKI,
ROBERT DENG, DAVE BUTCHER JULY 14, 2006**

The committee was charged with developing strategies to increase the visibility of SAS. Two specific goals were the development of a comprehensive media list and working with the membership committee to increase membership. The committee has initiated these projects via email discussion. We will be meeting at FACSS to further develop strategies for these projects.

**2006 SAS TOUR SPEAKER REPORT
BRIAN C. SMITH JULY 21, 2006**

The 2006 SAS Tour speaker program is history. Eight different speakers gave talks, and 13 different sections participated. The speaker names, topics, and section were as follows:

<u>Speaker</u>	<u>Topic</u>	<u>SAS Section(s) Spoken to</u>
Deb Bradshaw	"Atomic Spectroscopy in the Clinical Lab"	Baltimore Washington
John Olesik	Overcoming Spectral Overlaps in Inductively Coupled Plasma Mass Spectrometry: Ion Molecule Reactions or High Mass Spectral Resolution	Indiana, Snake River
Max Diem	"Optical Diagnosis: Infrared and Raman Spectroscopy of Human Cells and Tissue."	Minnesota, Detroit
Jill Dill Pasteris	"Raman Spectroscopy from the Sea Floor to Fossil Bones: Applications in the Earth Sciences."	New England, Cleveland
Jim Holcombe	"For Small, Complex or Unmanageable Samples: ETV-ICPA(TOF)MS."	Niagara, Frontier
Werner Gellerman	"Resonance Raman and Fluorescence Detection of Carotenoid Anti-Oxidants in Living Human Tissue."	Chicago Piedmont
Richard Crocombe	Miniature Optical Technologies: Enabling the Next Generation of Spectrometers	Ohio Valley St. Louis
Rina Dukor & Larry	"Vibrational Circular Dichroism: A New Probe of Molecular Chirality"	Intermountain

Nafie	
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The process of putting together a list of speakers was easy and enjoyable. I would like to thank all of our speakers for making the program a success. Once the speaker list was complete the contact person at each section was given the speaker list and was asked to rank their preferences. Once the preferences were received, I assigned speakers to sections. Almost all sections received either their first or second choice of speaker. At this point, I put the speakers into contact with the section contacts, and had them work out the logistics of dates and travel. This way, my job was essentially done once the section assignments were made. I heard very little from the sections after this, which probably means things went off without a hitch. I had the pleasure of attending Dr. Pasteris's talk at the New England section, which was excellent and well received. I am sure the other talks were excellent and well received as well.

The only problem with the program I noted was that after giving their talks some speakers were confused about where to submit their expenses, and who paid for what. In future, the SAS office may want to send an official memo to speakers welcoming them to the program and specifying the process for submitting expenses.

**LIPPINCOTT AWARD COMMITTEE REPORT
FALL 2006**

Professor Hai-Lung Dai, Hirschmann-Makineni Professor of Chemistry at the University of Pennsylvania, is the recipient of the 2006 Ellis R. Lippincott Award.

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.

**REPORT FROM THE SAS TELLERS COMMITTEE
TIMOTHY COLLETTE, DAVID HIMMELSBACH, MI-RYEONG SONG AUGUST 10, 2006**

John Chalmers was elected as President-Elect and Timothy Keiderling was elected as Secretary.

**FELLOWS COMMITTEE REPORT
FALL 2006**

The SAS Fellows committee has considered all nominees for Fellowship in the SAS and has unanimously decided to recommend the following three outstanding scientists:

- Bonner Denton, Univ. of Arizona
- Joel Harris, Univ. of Utah
- Nicolo Omenetto, Univ. of Florida

Charles Wilkins will also receive the award as he is getting the Honorary Membership award this year and all Honorary members are automatically made Fellows.

REPORT FROM FACSS GOVERNING BOARD

TUESDAY MARCH 14, 2006

SAS DELEGATES: D. BUTCHER, J. DE HASETH, R. DITTMAR, D. LANKIN

The meeting was called to order at 6:30 p.m. The minutes were approved after minor modifications.

Governing Board Chair's Report: GB Chair Parry complimented the 2005 FACSS team. The 2006 meeting is well underway. She identified an increase in advertising as a major new initiative.

Governing Board Chair's Report: GB Chair Parry reviewed the progress made at the FACSS retreat held on Sunday March 12, 2006. The roles of the retreats will be taken over by the long-range planning committee. She also presented a revised list of FACSS Committee Roles and Responsibilities based on the retreat.

Treasurer's Report: Treasurer Bourassa reviewed the FACSS budget for 2005. The 2005 meeting made a profit of approximately \$44,000. Although income was down, expenses were down as well.

Budget Committee Report: Treasurer McGeorge reported on the budget for 2006 and 2007. The budget for 2006 was reported to be identical to the budget presented to the governing board in October 2006. The first draft of the 2007 budget was presented by Treasurer McGeorge and Memphis General Chair Bourassa. He indicated that in exchange for changing the dates of the meeting, FACSS received a credit of \$20,000 in catering. General Chair Bourassa indicated that there would be an emphasis on advertising in Memphis.

There some discussion about the need to raise registration fees. The budget was passed without any increase in registration fees.

Finance Committee Report: Treasurer McGeorge discussed the concept of increasing advertising of FACSS. He indicated that advertising will be increased for the 2006 meeting including assistance of the member societies. He suggested concepts such as hiring professional marketing firms to assist with this matter. Exhibits Chair Carrabba indicated this year FACSS invested in one additional mailing. He suggested that a decrease in advertising dollars may have lead to a decrease in attendance. Mike Blades indicated that attendance at FACSS is directly related to the quality of the technical program. Brian Woodget indicated that many international scientists are not aware of the FACSS meeting. Additional discussion followed about advertising at FACSS.

NERM 2006: Igor Lednev from the Northeast Regional Meeting of the ACS introduced a symposium entitled Laser Spectroscopy for Life Sciences. He requested funding from FACSS. There was no action taken on this request.

Exhibit Report: Exhibits Chair Carrabba reported that the exhibit is proceeding according to schedule. Extra space is being offered to exhibitors before and after the meeting for sales presentations or hands-on workshops.

Nomination Committee: Nominations Chair Rydzak discussed nominations for the FACSS Officer positions. Scott McGeorge withdrew from consideration from consideration for GB Chair. Gary Brewer was nominated from the floor. The 2008 Governing Board Chair is Gary Brewer. John Hellgeth is the 2008 General Chair. Greg Klunder is the 2008 Program Chair. David Trimble is the 2008 Secretary. Scott McGeorge will continue as Treasurer. The long-range planning committee members will be Ron Williams and Becky Dittmar (2 years), Mark Hayes and Christine Wehlburg (4 years), and Paul Bourassa and Jim Rydzak (6 years).

Site Selection Committee: George Agnes will likely be the second member of the site selection committee, along with Mike Carrabba. David Butcher will be the third member of the committee. Site Selection Chair Carrabba discussed the advantages of developing a strategy on locations. He asked for rankings of the potential cities for 2009: Atlanta, Kansas City, Columbus, Dallas, Lake Buena Vista, Louisville, Milwaukee, Minneapolis, Palm Springs, Phoenix, St. Louis, and Savannah.

International Office: A report of activities of the office was presented.

2006 Report: 2006 General Chair Wehlburg reported that progress on the Lake Buena Vista meeting is going well. 2006 Program Chair Doug Gilman reported that progress on the program is going well. 15 abstracts have been received so far, which is comparable to numbers at this time in the past. There may be issues with space for posters.

2007 Report: 2007 General Chair Bourassa reported on plans for the 2007 meeting. 2007 Program Chair Lewis reported on preliminary plans for the program. He indicated an interest in increasing the process analytical community.

Long-range Planning Committee: Mark Hayes reported on the retreats and the long-range planning committees. The long-range planning committee will focus upon site selection and the size of the program. It will be necessary to monitor long-term trends in FACSS.

The next meeting will be at FACSS, Thursday at 6:30 p.m.

The meeting ended around 9:00 p.m.

**FACSS SITE SELECTION (FSS) REPORT FOR 2009
MIKE CARRABBA, CHAIR FACSS SITE SELECTION
SEPTEMBER 8, 2006**

Three cities with a total of ten cities were evaluated during the selection process. All of the sites were evaluated base on several criteria, including suitable for the program/exhibit, cost to FACSS, cost to our attendees, cost to student attendees and appropriate early fall dates. I have indicated my ranking based on the criteria above and my general sense of how the hotel really works for FACSS and our attendees. The available start dates from the

venues for 1st option were October 3, October 10 and – October 16. These dates also keep the meeting further away from EAS, which is held in early/mid November. Other open date options are also shown in the append data report. Note that as we move toward the middle/end of October the rates for the hotel tend to increase.

The sites are holding first option status for FACSS until mid October. So if it is the board's pleasure to have the FSS negotiates with one of the venues, a decision needs to be made at the Governing Board.

At the Pittcon GB meeting a list of 10 potential cites for 2009 was presented. The FACSS Site Selection (FSS) requested that the list be trimmed for further research. The results of the FSS survey to the GB as to what cities to investigate resulted in the following cities listed by averaging the preferences of the various societies that responded:

1. Atlanta
2. Louisville
3. Palm Springs
4. Minneapolis
5. Dallas
6. Lake Buena Vista
7. Kansas City

At the request of the governing board chair a search was done on Indianapolis and a search was done on Schuamburg, IL (Chicago) to try to accommodate large metropolitan area (Chicago). In addition the FACSS executive committee indicated that we did not want to hold the meeting on dates that conflicted with the Jewish Holiday Yom Kipper (September 28) and that we should try to avoid the cost of using a convention center. The details of the search are **appended**. FSS looked at room rates, food and beverage prices, location within the city, total space availability and cost, ability to house program under one roof, and air lift / pricing. With all this in mind, here are the **four** cities listed in order of those that appear to best meet FACSS criteria that should be visited by the LRP.

Recommend for Further Consideration:

1. Louisville (Galt House and Marriott)
2. Schaumburg, IL (Renaissance)
3. Kansas City (finalist for 2008) (Hyatt and Westin)
4. Lake Buena Vista (Coronado Springs).

Not Recommend for Further Consideration:

- Atlanta – Hotel rate very expensive (\$265) for date that did not conflict with the Jewish Holiday.
- Palm Springs - Nice location but would require the use of the convention at a rental rate of ~\$23,000.
- Minneapolis - Expensive hotel rates and a late October date only.
- Dallas – Expensive hotel rates.
- Savannah - Would require the use of the convention at a rental rate of ~\$33,000.
- Indianapolis - Expensive hotel rates and would require the use of the convention

**REPORT OF THE (EMERITUS) REPRESENTATIVE TO THE CHEMICAL HERITAGE FOUNDATION
MARVIN MARGOSHES JUNE 19, 2006**

This is my final report as the SAS Representative to the Foundation. Dave Trimble took over as Representative after the May 2 meeting of the CHF Heritage Council, and this report will cover events up to that time. I am continuing as a member of the instruments and Artifacts Committee of CHF. It is one of the few tasks where age is an advantage. The Foundation has begun construction to turn a part of an existing building into an important exhibit area for its art and instrument collections. The space takes up most of the first two floors of a 19th Century building that was originally a bank. The first of the images that are attached to this report shows the space as it was in early May, after it is stripped to the outer walls. The second image shows how it is expected to be when the exhibits are opened. That is scheduled for only two years from now, in 2008. The exhibits will be on the main floor and balcony of the two-story hall, and in the one-story area behind the stairway. In addition, there will continue to be smaller exhibits scattered around the Foundation's buildings. The top of the large table in the center of the main hall may be a large interactive, computer-driven display that several persons can use simultaneously, working alone or in groups. Or it may be used for printed material related to the exhibits, as is shown in the drawing. Either way, it is meant to be a focal point for discussion.

The instrument exhibits will feature important instruments with interactive displays, including oral histories, that will describe the origin of the instrument (and sometimes groups of related instruments) and the reason it is important. The importance will often be in terms of its impact in fields such as health and food quality.

My thanks to SAS for permitting me to represent them at the Chemical Heritage Foundation for several years. The assignment rekindled my interest in the history of science, which started in my undergraduate years at the Polytechnic Institute of Brooklyn. There, Herman Mark, who brought the specialty of polymer chemistry to the US as a refugee from Nazi Germany, taught an optional undergraduate course on the history of chemistry. Mark was an outstanding teacher, who continued to give well-attended lectures into his 90s. His enthusiasm for the history of chemistry was contagious.

NOVEMBER HISTORICAL EVENTS IN SPECTROSCOPY

*by Leopold May
Catholic University*

November 4, 1958 The Society for Applied Spectroscopy, now the New York Section of SAS, was formed on this day in New York City.

November 8, 1919 Herbert S. Gutowsky, deceased Honorary Member of the SAS, was born on this day. His research in spinning dipoles led to the use of chemical shifts, spin-spin coupling, and chemical exchange in NMR

